

according to the Hazardous Products Regulations

INDUSTRY CLEANER, 365 g

Versi 11.0	ion	Revision Date: 03/24/2025	-	0S Number: 659151-00019	Date of last issue: 01/15/2025 Date of first issue: 12/23/2009		
SEC	TION 1	DENTIFICATION					
I	Product name		:	INDUSTRY CLEA	NER, 365 g		
I	Produc	t code	:	893.140			
	Other n	neans of identification	:	No data available			
l	Manufa	acturer or supplier's o	deta	nils			
	Compa	ny name of supplier	:	Würth Canada Lir	nited/Limitée		
	Address		:	345 Hanlon Creek Blvd GUELPH, ON N1C 0A1			
-	Telephone		:	1-800-263-5002			
-	Telefax		:	1-905-564-3671			
l	Emergency telephone		:	Emergencies involving a spill, fire, explosion or exposure: CHEMTREC (24/7): 1-800-424-9300			
				Urgences impliquant un déversement, incendie, explosio exposition: CHEMTREC (24/7): 1-800-424-9300			
l	E-mail address		:	prodsafe@wurth.ca			
I	Recommended use of the c		hen	nical and restriction	ons on use		
Recommended use		:	Cleaning agent Detergent				
Restrictions on use			:	Not applicable			

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Aerosols	:	Category 1
Skin irritation	:	Category 2
Skin sensitization	:	Category 1
Carcinogenicity	:	Category 2
Reproductive toxicity	:	Category 2
Specific target organ toxicity - single exposure	:	Category 3

GHS label elements



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Haza	rd pictograms				
Signa	ll Word	: Danger			
Hazard Statements		H229 Pressuris H315 Causes s H317 May caus H336 May caus H351 Suspecte	ly flammable aerosol. sed container: May burst if heated. skin irritation. se an allergic skin reaction. se drowsiness or dizziness. ed of causing cancer. ted of damaging the unborn child.		
Preca	autionary Statements	 P202 Do not had and understood P210 Keep away and other igniti P211 Do not spectra igniti P251 Do not pier P261 Avoid bree P264 Wash skite P271 Use only P272 Contaming the workplace. P280 Wear processory and face proteet Response: P302 + P352 II P304 + P340 + and keep comfort unwell. P308 + P313 II P308 + P313 II P308 + P313 II P362 + P364 To reuse. Storage: P403 + P233 Stightly closed. P405 Store loce P410 + P412 For tures exceeding the protection of the pr	 ay from heat, hot surfaces, sparks, open flames on sources. No smoking. bray on an open flame or other ignition source. berce or burn, even after use. beathing spray. in thoroughly after handling. outdoors or in a well-ventilated area. hated work clothing should not be allowed out of otective gloves, protective clothing, eye protection ction. F ON SKIN: Wash with plenty of water. P312 IF INHALED: Remove person to fresh air fortable for breathing. Call a doctor if you feel F exposed or concerned: Get medical attention. f skin irritation or rash occurs: Get medical atten- fake off contaminated clothing and wash it before 		

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Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Hydrocarbons, C6-C7,	No data availa- ble	92128-66-0	>= 60 - < 80 *
	Cyclohexene, 1- methyl-4-(1- methylethenyl)-, (4R)-	5989-27-5	>= 10 - < 30 *
Propan-2-ol	Isopropyl alco- hol	67-63-0	>= 5 - < 10 *
Carbon dioxide	Carbonic anhy- dride	124-38-9	>= 1 - < 5 *
1,6-Octadiene, 7- methyl-3-methylene-	Myrcene	123-35-3	>= 0.1 - < 1 *
Bicyclo[3.1.1]hept-2- ene, 2,6,6-trimethyl-	Pin-2(3)-ene	80-56-8	>= 0.1 - < 1 *
Toluene	Benzene, me- thyl-	108-88-3	>= 0.1 - < 1 *

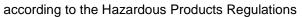
* Actual concentration or concentration range is withheld as a trade secret

Alternative CAS Numbers for some regions

Chemical name	Alternative CAS Number(s)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes,	64742-49-0
cyclics, <5% n-hexane	

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.





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	If swallowed		:	: If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.					
Most important symptoms and effects, both acute and delayed				Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging the unborn child.					
	Protection of first-aiders			First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).					
	Notes t	o physician	:	Treat symptomati	cally and supportively.				
SEC	TION 5	. FIRE-FIGHTING ME	ASL	IRES					
	Suitable extinguishing media		:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical					
	Unsuitable extinguishing media			High volume water jet					
	Specific hazards during fire fighting			Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health If the temperature rises there is danger of the vessels bursti due to the high vapor pressure.					
	Hazardous combustion prod- ucts			Carbon oxides					
	Specific extinguishing meth- ods			Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to o so. Evacuate area.					
	Special for fire-	protective equipment fighters	:		e, wear self-contained breathing apparatus. ective equipment.				

SECTION 6. ACCIDENTAL RELEASE MEASURES

according to the Hazardous Products Regulations



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Personal precautions, protec- tive equipment and emer- gency procedures		:	Remove all sources of ignition. Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).			
Environmental precautions		:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.			
Methods and materials for containment and cleaning up		:	Suppress (knock of jet. For large spills, pr ment to keep mate pumped, store red Clean up remainin bent. Local or national r sal of this material ployed in the clean which regulations Sections 13 and 1	absorbent material. down) gases/vapors/mists with a water spray ovide diking or other appropriate contain- erial from spreading. If diked material can be covered material in appropriate container. ag materials from spill with suitable absor- egulations may apply to releases and dispo- l, as well as those materials and items em- nup of releases. You will need to determine		

SECTION 7. HANDLING AND STORAGE

Technical measures	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.			
Local/Total ventilation	 If sufficient ventilation is unavailable, use with local exhaust ventilation. If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventila- tion. 			
Advice on safe handling	 Do not get on skin or clothing. Avoid breathing spray. Do not swallow. Avoid contact with eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the 			

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		Do		an open flame or other ignition source.			
Conc	Conditions for safe storage		 Store locked up. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Do not pierce or burn, even after use. Keep cool. Protect from sunlight. 				
Mate	Materials to avoid		 Do not store with the following product types: Self-reactive substances and mixtures Organic peroxides Oxidizing agents Flammable solids Pyrophoric liquids Pyrophoric solids Self-heating substances and mixtures Substances and mixtures which in contact with water emit flammable gases Explosives Gases 				
Reco	ommended storage tem- ture	: <4	O° 0.				
Stora	age period	: 24	Months				

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Hydrocarbons, C6-C7, n- alkanes, isoalkanes, cyclics, <5% n-hexane	92128-66-0	TWA (Mist)	5 mg/m³	CA AB OEL
		STEL (Mist)	10 mg/m ³	CA AB OEL
		TWAEV (Mist - Inhalable dust)	5 mg/m³	CA QC OEL
Propan-2-ol	67-63-0	STEL	400 ppm 984 mg/m³	CA AB OEL
		TWA	200 ppm 492 mg/m ³	CA AB OEL
		TWA	200 ppm	CA BC OEL
		STEL	400 ppm	CA BC OEL
		TWAEV	200 ppm	CA QC OEL
		STEV	400 ppm	CA QC OEL
		TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH



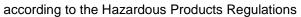
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ersion I.0	Revision Date: 03/24/2025	SDS Number: 10659151-00019		last issue: 01/15/2025 first issue: 12/23/2009	
Carbon dioxide		124-38-9	TWA	5,000 ppm 9,000 mg/m³	CA AB OEL
			STEL	30,000 ppm 54,000 mg/m ³	CA AB OEL
			TWA	5,000 ppm	CA BC OEL
			STEL	15,000 ppm	CA BC OEL
			STEV	30,000 ppm 54,000 mg/m ³	CA QC OEL
			TWAEV	5,000 ppm 9,000 mg/m ³	CA QC OEL
			TWA	5,000 ppm	ACGIH
			STEL	30,000 ppm	ACGIH
	lo[3.1.1]hept-2-ene, -trimethyl-	80-56-8	TWAEV	20 ppm 112 mg/m³	CA QC OEL
			TWA	20 ppm 111 mg/m³	CA AB OEL
			TWA	20 ppm	CA BC OEL
			TWA	20 ppm	ACGIH
Tolue	ene	108-88-3	TWA	50 ppm 188 mg/m ³	CA AB OEL
			TWA	20 ppm	CA BC OEL
			TWAEV	20 ppm	CA QC OEL
			TWA	20 ppm	ACGIH

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
Propan-2-ol	67-63-0	Acetone	Urine	End of shift at end of work- week	40 mg/l	ACGIH BEI
Toluene	108-88-3	Toluene	In blood	Prior to last shift of work- week	0.02 mg/l	ACGIH BEI
		Toluene	Urine	End of shift (As soon as possible after exposure ceases)	0.03 mg/l	ACGIH BEI
		o-Cresol	Urine	End of shift (As soon as possible after exposure ceases)	0.3 mg/g creatinine	ACGIH BEI





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Engineering measures		:	Minimize workplace exposure concentrations. If sufficient ventilation is unavailable, use with local exhau ventilation. If advised by assessment of the local exposure potential, only in an area equipped with explosion-proof exhaust ver lation.			
Pers	sonal protective equipm	ent				
Respiratory protection		:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the re- commended guidelines, use respiratory protection.			
F	filter type	:	Туре А			
Han	d protection					
Material Break through time Glove thickness		::	Nitrile rubber 480 min 0.45 mm			
Remarks		:	Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. For special applications, we recommend clarifying the resistance to che- micals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.			
Eye protection		:	Wear the following personal protective equipment: Safety glasses			
Skin and body protection		:	Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: If assessment demonstrates that there is a risk of explosive atmospheres or flash fires, use flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).			
Hygiene measures :		:	If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the wor- king place. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use.			

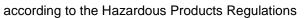
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

: Aerosol containing a compressed gas



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	Propellant		:	Carbon dioxide	
	Color		:	clear	
	Odor		:	fruity	
	Odor T	hreshold	:	No data available	
	рН		:	substance/mixtur	e is non-soluble (in water)
	Melting	point/freezing point	:	No data available	
	Initial b range	oiling point and boiling	:	51 °C	
	Flash p	oint	:	-12 °C	
				Flash point is onl	y valid for liquid portion in the aerosol can.
	Evapor	ation rate	:	Not applicable	
	Flamma	ability (solid, gas)	:	Extremely flamma	able aerosol.
		explosion limit / Upper bility limit	:	7.2 %(V)	
	Lower explosion limit / Lower flammability limit		:	0.6 %(V)	
	Vapor p	pressure	:	Not applicable	
	Relative	e vapor density	:	Not applicable	
	Density	,	:	0.7 g/cm³ (20 °C) Method: DIN 517	
	Solubili Wat	ty(ies) er solubility	:	insoluble	
	Partition octanol	n coefficient: n- /water	:	Not applicable	
	Autoign	ition temperature	:	No data available)
	Decom	position temperature	:	No data available)
	Viscosi [.] Visc	ty osity, kinematic	:	< 7 mm²/s	





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Explo	sive properties	: Not explosive				
Oxidizing properties		: The substance or mixture is not classified as oxidizing.				
	le characteristics le size	: Not applicable	9			

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.	
Chemical stability	:	Stable under normal conditions.	
Possibility of hazardous reac- tions	:	Extremely flammable aerosol. Vapors may form explosive mixture with air. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure. Can react with strong oxidizing agents.	
Conditions to avoid	:	Heat, flames and sparks.	
Incompatible materials	:	Oxidizing agents	
Hazardous decomposition products	:	No hazardous decomposition products are known.	

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation Skin contact Ingestion Eye contact

Acute toxicity

Not classified based on available information.

Components:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:

Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 25.2 mg/l Exposure time: 4 h Test atmosphere: vapor
Acute dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg

(R)-p-mentha-1,8-diene:

according to the Hazardous Products Regulations



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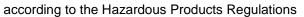
0	Revision Date: 03/24/2025		DS Number:Date of last issue: 01/15/20250659151-00019Date of first issue: 12/23/2009				
Acute oral toxicity		:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 423 Remarks: Based on data from similar materials				
Acute dermal toxicity		:	LD50 (Rabbit): > 5,000 mg/kg Remarks: Based on data from similar materials				
Propa	ın-2-ol:						
-	oral toxicity	:	LD50 (Rat): > 5,000 mg/kg				
Acute inhalation toxicity		:	LC50 (Rat): > 25 mg/l Exposure time: 6 h Test atmosphere: vapor				
Acute	dermal toxicity	:	LD50 (Rabbit): > 5,000 mg/kg				
Carbo	on dioxide:						
Acute inhalation toxicity		:	LC50 (Rat): 40000 - 50000 ppm Exposure time: 30 min Test atmosphere: vapor				
1.6-0	ctadiene, 7-methyl-3	-meth	nvlene-:				
	oral toxicity		LD50 (Rat, male): > 5,000 mg/kg				
Acute dermal toxicity		:	LD50 (Rabbit): > 5,000 mg/kg				
Bicvc	lo[3.1.1]hept-2-ene,	2.6.6-	trimethyl-:				
,.		_,_,_	-				
Acute	oral toxicity	:	LD50 (Rat, female): > 300 - 2,000 mg/kg Method: OECD Test Guideline 423				
		:	Method: OECD Test Guideline 423				
	oral toxicity dermal toxicity		Method: OECD Test Guideline 423 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute derm				
Acute Tolue	oral toxicity dermal toxicity		Method: OECD Test Guideline 423 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute derm				
Acute Tolue Acute	oral toxicity dermal toxicity ne:		Method: OECD Test Guideline 423 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermitoxicity				
Acute Tolue Acute Acute	oral toxicity dermal toxicity ne: oral toxicity		Method: OECD Test Guideline 423 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute derm toxicity LD50 (Rat): > 5,000 mg/kg LC50 (Rat): 28.1 mg/l Exposure time: 4 h				
Acute Acute Acute Acute	oral toxicity dermal toxicity ne: oral toxicity inhalation toxicity		Method: OECD Test Guideline 423 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute derma toxicity LD50 (Rat): > 5,000 mg/kg LC50 (Rat): 28.1 mg/l Exposure time: 4 h Test atmosphere: vapor				

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:





sion 0	Revision Date: 03/24/2025	SDS Number:Date of last issue: 01/15/202510659151-00019Date of first issue: 12/23/2009					
Speci Metho Resul	bd	 Rabbit OECD Test Guideline 404 Skin irritation 					
(R)-p-	-mentha-1,8-diene:						
Speci Metho Resul	bd	 Rabbit OECD Test Guideline 404 Skin irritation 					
Propa	an-2-ol:						
Speci Resul	es	: Rabbit : No skin irritation					
1,6-0	ctadiene, 7-methyl-3	3-methylene-:					
Speci	es	: reconstructed human epidermis (RhE)					
Resul	t	: Skin irritation					
Bicyc	:lo[3.1.1]hept-2-ene,	2,6,6-trimethyl-:					
Speci	es	: reconstructed human epidermis (RhE)					
Resul	lt	: Skin irritation					
Tolue	ene:						
Speci		: Rabbit					
Metho Resul		Directive 67/548/EEC, Annex V, B.4.Skin irritation					
Serio	us eye damage/eye	irritation					
	assified based on ava	ailable information.					
	<u>oonents:</u>	alkanes, isoalkanes, cyclics, <5% n-hexane:					
Speci		: Rabbit					
Resul		: No eye irritation					
(R)-p-	-mentha-1,8-diene:						
Speci		: Rabbit					
Resul Metho		No eye irritationOECD Test Guideline 405					
Propa	an-2-ol:						
Propa Speci Resul	es	: Rabbit					





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1,6-0	ctadiene, 7-methyl-3	8-meth	ylene-:			
Resul	Species Result Method		 Rabbit Irritation to eyes, reversing within 21 days OECD Test Guideline 405 			
Bicyc	lo[3.1.1]hept-2-ene,	2,6,6-	trimethyl-:			
	Species Method		Tissue Culture OECD Test Guideline 492			
Resu	Result		No eye irritation			
Tolue	ene:					
Speci Resul Metho	lt	:	Rabbit No eye irritation OECD Test Guid	eline 405		
Resp	Respiratory or skin sensitization					

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

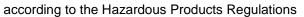
Components:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:

Test Type	:	Buehler Test
Routes of exposure	:	Skin contact
Species	:	Guinea pig
Result	:	negative

(R)-p-mentha-1,8-diene:

Test Type Routes of exposure Species Method Result	:	Local lymph node assay (LLNA) Skin contact Mouse OECD Test Guideline 429 positive
Assessment	:	Probability or evidence of low to moderate skin sensitization rate in humans
Propan-2-ol:		
Test Type	:	Buehler Test
Routes of exposure	:	Skin contact
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	negative





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1,6-00	ctadiene, 7-methyl	-3-methylene-:	
Test T	ype	: Local lymph no	ode assay (LLNA)
Routes	s of exposure	: Skin contact	
Specie		: Mouse	
Metho	d	: OECD Test G	uideline 429
Result	t	: negative	
Bicyc	lo[3.1.1]hept-2-ene	e, 2,6,6-trimethyl-:	
Test T	уре	: Local lymph no	ode assay (LLNA)
Route	s of exposure	: Skin contact	
Specie	es	: Mouse	
Metho	d	: OECD Test G	uideline 429
Result	t	: positive	
Rema	rks	: Based on data	from similar materials
Asses	sment	: Probability or e	evidence of skin sensitization in humans
Tolue	ne:		
Test T	уре	: Maximization	Test
Route	s of exposure	: Skin contact	
Specie	es	: Guinea pig	
Metho	d	: Directive 67/54	48/EEC, Annex V, B.6.
Result	t	: negative	
Not de	cell mutagenicity	vailable information	
		vailable information.	
Comp	assified based on av ponents:		cyclics, <5% n-hexane:
<u>Comp</u> Hydro	assified based on av ponents:	-alkanes, isoalkanes,	cterial reverse mutation assay (AMES)
Comp Hydro Genot	assified based on av <u>oonents:</u> ocarbons, C6-C7, n	-alkanes, isoalkanes, : Test Type: Bac Result: negativ : Test Type: Ma cytogenetic as	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v
Comp Hydro Genot	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro	-alkanes, isoalkanes, : Test Type: Bac Result: negativ : Test Type: Ma cytogenetic as Species: Rat	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say)
Comp Hydro Genot	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro	-alkanes, isoalkanes, : Test Type: Bar Result: negativ : Test Type: Ma cytogenetic as Species: Rat Application Ro	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor)
Comp Hydro Genot	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro	-alkanes, isoalkanes, : Test Type: Ba Result: negativ : Test Type: Ma cytogenetic as Species: Rat Application Ro Method: OPPT	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) FS 870.5395
Comp Hydro Genot	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro	-alkanes, isoalkanes, : Test Type: Bar Result: negativ : Test Type: Ma cytogenetic as Species: Rat Application Ro	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) FS 870.5395
Comp Hydro Genote	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro	-alkanes, isoalkanes, : Test Type: Ba Result: negativ : Test Type: Ma cytogenetic as Species: Rat Application Ro Method: OPPT	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) FS 870.5395
Comp Hydro Genote Genote	assified based on av ponents: pocarbons, C6-C7, n oxicity in vitro oxicity in vivo	 -alkanes, isoalkanes, Test Type: Bac Result: negative Test Type: Macytogenetic as Species: Rat Application Rot Method: OPPT Result: negative Test Type: Bac 	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) rS 870.5395 ve cterial reverse mutation assay (AMES)
Comp Hydro Genote Genote	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro oxicity in vivo mentha-1,8-diene:	 -alkanes, isoalkanes, Test Type: Bac Result: negativ Test Type: Macytogenetic as Species: Rat Application Ro Method: OPPT Result: negativ Test Type: Bac Method: OECI 	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) TS 870.5395 ve cterial reverse mutation assay (AMES) D Test Guideline 471
Comp Hydro Genote Genote	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro oxicity in vivo mentha-1,8-diene:	 -alkanes, isoalkanes, Test Type: Bac Result: negativ Test Type: Macytogenetic as Species: Rat Application Ro Method: OPPT Result: negativ Test Type: Bac Method: OECI Result: negativ 	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) TS 870.5395 ve cterial reverse mutation assay (AMES) D Test Guideline 471 ve
Comp Hydro Genote Genote	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro oxicity in vivo mentha-1,8-diene:	 -alkanes, isoalkanes, Test Type: Bac Result: negativ Test Type: Macytogenetic as Species: Rat Application Ro Method: OPPT Result: negativ Test Type: Bac Method: OECI Result: negativ 	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) TS 870.5395 ve cterial reverse mutation assay (AMES) D Test Guideline 471
Comp Hydro Genote Genote	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro oxicity in vivo mentha-1,8-diene:	 -alkanes, isoalkanes, Test Type: Bar Result: negative Test Type: Marcytogenetic as Species: Rat Application Rot Method: OPPT Result: negative Test Type: Bar Method: OECI Result: negative Result: negative Remarks: Bas 	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) FS 870.5395 ve cterial reverse mutation assay (AMES) D Test Guideline 471 ve ed on data from similar materials vitro mammalian cell gene mutation test
Comp Hydro Genote Genote	assified based on av ponents: pcarbons, C6-C7, n oxicity in vitro oxicity in vivo mentha-1,8-diene:	 -alkanes, isoalkanes, Test Type: Bar Result: negative Test Type: Mar Cytogenetic as Species: Rat Application Rothod: OPPT Result: negative Test Type: Bar Method: OECL Result: negative Remarks: Bas Test Type: In war Result: negative Result: neg	cterial reverse mutation assay (AMES) ve mmalian erythrocyte micronucleus test (in v say) pute: inhalation (vapor) TS 870.5395 ve cterial reverse mutation assay (AMES) D Test Guideline 471 ve ed on data from similar materials vitro mammalian cell gene mutation test ve romosome aberration test in vitro





Version 11.0	Revision Date: 03/24/2025		S Number: 659151-00019	Date of last issue: 01/15/2025 Date of first issue: 12/23/2009
Genc	otoxicity in vivo	:	Test Type: In vivo Species: Rat Application Route Result: negative	mammalian alkaline comet assay : Ingestion
Prop	an-2-ol:			
Geno	otoxicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
			Test Type: In vitro Result: negative	o mammalian cell gene mutation test
Geno	otoxicity in vivo	:	Test Type: Mamn cytogenetic assay Species: Mouse	nalian erythrocyte micronucleus test (in vivo ′)
				: Intraperitoneal injection
1,6-C	Octadiene, 7-methyl-3	-meth	ylene-:	
Geno	ptoxicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
			Test Type: In vitro Result: negative	o mammalian cell gene mutation test
			Test Type: Chrom Result: negative	osome aberration test in vitro
Genc	otoxicity in vivo	:	Test Type: Mamn cytogenetic assay Species: Mouse Application Route Result: negative	
-	clo[3.1.1]hept-2-ene,	2,6,6-t	•	
Geno	otoxicity in vitro	:	Test Type: Bacter Method: OECD T Result: negative	ial reverse mutation assay (AMES) est Guideline 471
			Test Type: In vitro Method: OECD T Result: negative	o mammalian cell gene mutation test est Guideline 476
			Test Type: in vitro Method: OECD T Result: negative	est Guideline 487
Tolu	ene:			
	otoxicity in vitro	:	Test Type: In vitro Result: negative	mammalian cell gene mutation test
			15 / 28	



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			Test Type: Bacter Result: negative	rial reverse mutation assay (AMES)
Ger	notoxicity in vivo	:	cytogenetic test, of Species: Rat	enicity (in vivo mammalian bone-marrow chromosomal analysis) e: Intraperitoneal injection
			Species: Mouse Application Route	nt dominant lethal test (germ cell) (in vivo) e: inhalation (vapor) est Guideline 478
Car	cinogenicity			
Sus	spected of causing cancer	-		
<u>Cor</u>	mponents:			
Нус	drocarbons, C6-C7, n-all	kane	es, isoalkanes, cy	clics, <5% n-hexane:
	ecies	:	Mouse	
	blication Route	:	Skin contact	
Exp Res	posure time	:	102 weeks	
Res	Suit	•	negative	
(R)-	-p-mentha-1,8-diene:			
• •	ecies	•	Mouse	
•	blication Route	:	Ingestion	
	oosure time	:	103 weeks	
Res	sult	:	negative	
Pro	pan-2-ol:			
	ecies	:	Rat	
	blication Route	:	inhalation (vapor)	
	osure time	:	104 weeks	
Res	thod	÷	OECD Test Guide negative	eline 451
i tea	Suit	•	negative	
1,6-	-Octadiene, 7-methyl-3-r	netł	ylene-:	
Spe	ecies	:	Rat	
	lication Route	:	Ingestion	
	oosure time	:	105 weeks	
Res	sult	:	positive	
Spe	ecies	:	Mouse	
	blication Route	:	Ingestion	
Exp	oosure time	:	105 weeks	
Res	sult	:	positive	



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Versior 11.0	n Revision Date: 03/24/2025	-	0S Number: 659151-00019	Date of last issue: 01/15/2025 Date of first issue: 12/23/2009
	arcinogenicity - Assess- ent	:	Limited evidence	of carcinogenicity in animal studies
Sp Ap Ex Re Sp Ap Ex	Pluene: pecies posure time posure time posult pecies plication Route posure time posult		Rat inhalation (vapor) 103 weeks negative Mouse Skin contact 24 Months negative	
	productive toxicity spected of damaging the ur	ho	rn child	
	omponents:	100	in cinic.	
Ну	drocarbons, C6-C7, n-alk	ane	s, isoalkanes, cyc	lics, <5% n-hexane:
Eff	ects on fertility	:	Species: Rat	eneration reproduction toxicity study : inhalation (vapor)
Eff	ects on fetal development	:	Species: Rat	ro-fetal development : inhalation (vapor)
(R)-p-mentha-1,8-diene:			
•	fects on fetal development	:	Test Type: Embry Species: Rat Application Route Result: negative	ro-fetal development : Ingestion
Pr	opan-2-ol:			
Eff	fects on fertility	:	Test Type: Two-g Species: Rat Application Route Result: negative	eneration reproduction toxicity study : Ingestion
Eff	fects on fetal development	:	Test Type: Embry Species: Rat Application Route Result: negative	ro-fetal development : Ingestion
1,6	S-Octadiene, 7-methyl-3-m	eth	ylene-:	
	fects on fertility	:	-	eneration reproduction toxicity study : Ingestion
			17 / 28	



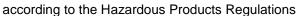
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Version 11.0	Revision Date: 03/24/2025	-	S Number: 59151-00019	Date of last issue: 01/15/2025 Date of first issue: 12/23/2009	
			Result: negative		
Effect	Effects on fetal development		: Test Type: Embryo-fetal development Species: Rat Application Route: Ingestion Result: negative		
Bicyc	clo[3.1.1]hept-2-ene, 2,	6,6-ti	rimethyl-:		
Effect	ts on fertility	:	Test Type: Repro test Species: Rat Application Route Method: OECD To Result: negative		
Effect	ts on fetal development	:	Test Type: Repro test Species: Rat Application Route Method: OECD To Result: negative		
Tolue	ene:				
Effect	ts on fertility	:	Species: Rat	eneration reproduction toxicity study : inhalation (vapor) est Guideline 416	
Effect	ts on fetal development	:	Species: Rat	ro-fetal development : inhalation (vapor)	
Repro sessn	oductive toxicity - As- nent	:	Some evidence o animal experimen	f adverse effects on development, based on ts.	
	F-single exposure cause drowsiness or diz:	zines	s.		
<u>Com</u>	oonents:				
•	ocarbons, C6-C7, n-alk ssment			clics, <5% n-hexane: iness or dizziness.	
-	an-2-ol: ssment	:	May cause drows	iness or dizziness.	
Tolue Asses	e ne: ssment	:	May cause drows	iness or dizziness.	
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sion)	Revision Date: 03/24/2025	SDS Number:Date of last issue: 01/15/202510659151-00019Date of first issue: 12/23/2009
стот	-repeated exposure	
	assified based on av	
Comp	<u>oonents:</u>	
(R)-p-	mentha-1,8-diene:	
Asses	ssment	: No significant health effects observed in animals at concertions of 100 mg/kg bw or less.
Bicyc	lo[3.1.1]hept-2-ene,	2,6,6-trimethyl-:
Asses	ssment	: No significant health effects observed in animals at concertions of 1 mg/l/6h/d or less.
Tolue	ene:	
	s of exposure	: Inhalation
•	t Organs	: Central nervous system
Asses	ssment	: May cause damage to organs through prolonged or repeater exposure.
Repe	ated dose toxicity	
Comp	oonents:	
Hydro	ocarbons, C6-C7, n-	alkanes, isoalkanes, cyclics, <5% n-hexane:
Speci		: Rat
NOAE		: > 20 mg/l
	ation Route	: inhalation (vapor) : 13 Weeks
Expos	sure time	. To weeks
(R)-p-	mentha-1,8-diene:	
Speci	es	: Rat, male
NOAE		: 5 mg/kg
LOAE		: 30 mg/kg
	cation Route sure time	: Ingestion : 13 Weeks
Схроз		. 13 Weeks
-	an-2-ol:	
Speci		: Rat
NOAE		: 12.5 mg/l
	cation Route sure time	: inhalation (vapor) : 104 Weeks
1,6-0	ctadiene, 7-methyl-3	3-methylene-:
Speci		: Rat
LOAE		: 250 mg/kg
Applic	ation Route	: Ingestion
	sure time	: 90 Days : OECD Test Guideline 408





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Bicyc	lo[3.1.1]hept-2-ene,	2,6,6-1	trimethyl-:	
		:	Rat, male 788 mg/kg Ingestion 21 Days	
	EL cation Route sure time	:	Rat, male 0.57 mg/l inhalation (vapor 14 Weeks OECD Test Guid	
	es	:	Rat 1.875 mg/l inhalation (vapor 6 Months)
		:	Rat 625 mg/kg Ingestion 13 Weeks	

Aspiration toxicity

Not classified based on available information.

Components:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

(R)-p-mentha-1,8-diene:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

1,6-Octadiene, 7-methyl-3-methylene-:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Toluene:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

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Ex	perience with human exp	osu	re	
<u>Co</u>	mponents:			
	l uene: alation	:	Target Organs: C Symptoms: Neuro	entral nervous system blogical disorders
SECTIC	N 12. ECOLOGICAL INFO	DRM	IATION	
Eco	otoxicity			
<u>Co</u>	mponents:			
Hy	drocarbons, C6-C7, n-alk	ane	s, isoalkanes, cyo	clics, <5% n-hexane:
То	kicity to fish	:	Exposure time: 96	s promelas (fathead minnow)): 8.2 mg/l 5 h Vater Accommodated Fraction
	kicity to daphnia and other latic invertebrates	:	Exposure time: 48 Test substance: V Method: OECD T	Vater Accommodated Fraction
To» pla	kicity to algae/aquatic nts	:	mg/l Exposure time: 72 Test substance: V Method: OECD T	Vater Accommodated Fraction
			mg/l Exposure time: 72 Test substance: V Method: OECD T	Vater Accommodated Fraction
aqu	kicity to daphnia and other uatic invertebrates (Chron- oxicity)	:	NOELR (Daphnia Exposure time: 2 [/] Method: OECD T	
(R)	-p-mentha-1,8-diene:			
• •	kicity to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): 0.720 mg/l S h
	kicity to daphnia and other atic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD T	
To	kicity to algae/aquatic	:	ErC50 (Pseudokii	rchneriella subcapitata (green algae)): 0.25

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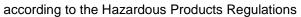


Version 11.0	Revision Date: 03/24/2025		9S Number: 659151-00019	Date of last issue: 01/15/2025 Date of first issue: 12/23/2009
plar	nts		mg/l Exposure time: 72 Method: OECD Te	
			EC10 (Pseudokiro mg/l Exposure time: 72 Method: OECD Te	
Tox icity	icity to fish (Chronic tox-	:	EC10 (Pimephale Exposure time: 8	s promelas (fathead minnow)): 0.37 mg/l d
aqu	icity to daphnia and other atic invertebrates (Chron- oxicity)	:	EC10 (Daphnia m Exposure time: 21 Method: OECD Te	
Тох	icity to microorganisms	:	EC50: > 100 mg/l Exposure time: 3 Method: OECD Te Remarks: Based o	h
Pro	pan-2-ol:			
	icity to fish	:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): 9,640 mg/l S h
	icity to daphnia and other atic invertebrates	:	EC50 (Daphnia m Exposure time: 24	agna (Water flea)): > 10,000 mg/l ł h
Тох	Toxicity to microorganisms		EC50 (Pseudomonas putida): > 1,050 mg/l Exposure time: 16 h	
Car	bon dioxide:			
	icity to fish	:	Exposure time: 96	macrochirus (Bluegill sunfish)): > 100 mg/l 5 h on data from similar materials
	icity to daphnia and other atic invertebrates	:	Exposure time: 48	nagna (Water flea)): > 100 mg/l 3 h on data from similar materials
1,6-	Octadiene, 7-methyl-3-m	eth	ylene-:	
	icity to fish	:	LC50 : 0.92 mg/l Exposure time: 96 Method: OECD Te	
	icity to daphnia and other atic invertebrates	:	EL50 (Daphnia m Exposure time: 48 Method: OECD Te	
Tox plar	icity to algae/aquatic hts	:	ErC50 (Pseudokir mg/l Exposure time: 72	rchneriella subcapitata (green algae)): 0.342 2 h



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			Method: OECD Te	est Guideline 201
			EC10 (Pseudokiro mg/l Exposure time: 72 Method: OECD Te	
aqua	city to daphnia and other atic invertebrates (Chron- xicity)	:	NOEC (Daphnia r Exposure time: 21 Method: OECD Te	
Bicy	/clo[3.1.1]hept-2-ene, 2,6	6,6-1	trimethyl-:	
Toxi	city to fish	:	LC50 (Cyprinus ca Exposure time: 96 Method: OECD Te	
	city to daphnia and other atic invertebrates	:	Exposure time: 48 Method: OECD Te	
Toxi plan	city to algae/aquatic ts	:	 NOEC (Pseudokirchneriella subcapitata (green algae)): > 1 mg/l Exposure time: 48 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials 	
Тохі	city to microorganisms	:	NOEC: 2 mg/l Exposure time: 28 Method: OECD Te	3 h est Guideline 301D
Tolu	iene:			
Toxi	city to fish	:	LC50 (Oncorhync Exposure time: 96	hus kisutch (coho salmon)): 5.5 mg/l 5 h
	city to daphnia and other atic invertebrates	:	EC50 (Ceriodaphi Exposure time: 48	nia dubia (water flea)): 3.78 mg/l 3 h
Toxi plan	city to algae/aquatic ts	:	NOEC (Skeletone Exposure time: 72	ma costatum (marine diatom)): 10 mg/l 2 h
Toxi icity)	city to fish (Chronic tox-	:	NOEC (Oncorhyn Exposure time: 40	chus kisutch (coho salmon)): 1.39 mg/l) d
aqua	city to daphnia and other atic invertebrates (Chron- xicity)	:	NOEC (Ceriodaph Exposure time: 7	nnia dubia (water flea)): 0.74 mg/l d
Toxi	city to microorganisms	:	EC50 (Nitrosomo Exposure time: 24	





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ersion .0	Revision Date: 03/24/2025		S Number: 659151-00019	Date of last issue: 01/15/2025 Date of first issue: 12/23/2009
Persi	istence and degrada	bility		
Com	ponents:			
Hydro	ocarbons, C6-C7, n-	alkane	s, isoalkanes, c	yclics, <5% n-hexane:
Biode	egradability	:	Result: Readily Biodegradation: Exposure time: 2 Method: OECD	77.05 %
(R)-p	-mentha-1,8-diene:			
• • •	egradability	:	Result: Readily Biodegradation: Exposure time: 2 Method: OECD	71.4 %
Propa	an-2-ol:			
Biode	egradability	:	Result: rapidly d	legradable
BOD/	(COD	:	BOD: 1,19 (BOD COD: 2,23 BOD/COD: 53 %	
1,6-0	octadiene, 7-methyl-3	3-meth	vlene-:	
	egradability	:	Result: Readily Biodegradation: Exposure time: 2	76 %
Bicyc	clo[3.1.1]hept-2-ene,	2,6,6-1	rimethyl-:	
Biode	egradability	:	Result: Readily Biodegradation: Exposure time: Method: OECD	68 %
Tolue	ene:			
Biode	egradability	:	Result: Readily Biodegradation: Exposure time: 2	80 %
Bioad	ccumulative potentia	al		
<u>Com</u>	ponents:			
Hydro	ocarbons, C6-C7, n-	alkane	s, isoalkanes, c	yclics, <5% n-hexane:
Partit	ion coefficient: n- ol/water		log Pow: 4	d on data from similar materials
(R)-n	-mentha-1,8-diene:			

(R)-p-mentha-1,8-diene:



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/ersion I1.0	Revision Date: 03/24/2025	SDS Number: 10659151-00019	Date of last issue: 01/15/2025 Date of first issue: 12/23/2009
Partition coefficient: n- octanol/water		: log Pow: 4.38	
-	an-2-ol:		
	ion coefficient: n- nol/water	: log Pow: 0.05	
Carb	on dioxide:		
	ion coefficient: n- ol/water	: log Pow: 0.83	
1,6-0	Octadiene, 7-methyl-3	-methylene-:	
	ion coefficient: n- ol/water	: log Pow: 4.82 Method: OECD	Test Guideline 117
Bicy	clo[3.1.1]hept-2-ene,	2,6,6-trimethyl-:	
	ion coefficient: n- ol/water	: log Pow: 4.487	
Tolue	ene:		
Bioad	ccumulation		scus idus (Golden orfe) on factor (BCF): 90
	ion coefficient: n- nol/water	: log Pow: 2.73	
Mobi	lity in soil		
No da	ata available		
Othe	r adverse effects		
No da	ata available		

Disposal methods Waste from residues	:	Do not dispose of waste into sewer. Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Empty containers retain residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or ex- pose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and/or death. If not otherwise specified: Dispose of as unused product. Please ensure aerosol cans are sprayed completely empty (including propellant)

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SECTION 14. TRANSPORT INFORMATION

International Regulations

UN number:UN 1950Proper shipping name:AEROSOLSClass:2.1Packing group:Not assigned by regulationLabels:2.1Environmentally bazardous:ves	UNRTDG		
Class:2.1Packing group:Not assigned by regulationLabels:2.1	UN number	:	UN 1950
Packing group:Not assigned by regulationLabels:2.1	Proper shipping name	:	AEROSOLS
Labels : 2.1	Class	:	2.1
	Packing group	:	Not assigned by regulation
Environmentally bazardous : ves	Labels	:	2.1
Livitoninonally hazardous . yos	Environmentally hazardous	:	yes
IATA-DGR	IATA-DGR		
UN/ID No. : UN 1950	UN/ID No.	:	UN 1950
Proper shipping name : Aerosols, flammable	Proper shipping name	:	Aerosols, flammable
Class : 2.1	Class	:	2.1
Packing group : Not assigned by regulation	Packing group	:	Not assigned by regulation
Labels : Flammable Gas	Labels	:	Flammable Gas
Packing instruction (cargo : 203 aircraft)		:	203
Packing instruction (passen- : 203 ger aircraft)		:	203
IMDG-Code	IMDG-Code		
UN number : UN 1950		:	UN 1950
Proper shipping name : AEROSOLS	Proper shipping name	÷	AEROSOLS
(Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-			(Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-
hexane, 1,6-Octadiene, 7-methyl-3-methylene-)	Class		
Class : 2.1		÷	
Packing group : Not assigned by regulation Labels : 2.1		÷	
		:	
EmS Code : F-D, S-U Marine pollutant : yes		:	
Marine pollutant : yes	Marine politiant	·	yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

TDG UN number Proper shipping name	:	UN 1950 AEROSOLS
Class Packing group Labels ERG Code Marine pollutant	:	 2.1 Not assigned by regulation 2.1 126 yes(Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane, 1,6-Octadiene, 7-methyl-3-methylene-)

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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SECTION 15. REGULATORY INFORMATION

The ingredients of this product are reported in the following inventories:DSL: This product contains one or several components that are not

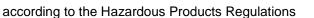
on the Canadian DSL nor NDSL.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	:	ACGIH - Biological Exposure Indices (BEI)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safe-
		ty, Schedule 1, Part 1: Permissible exposure values for air-
		borne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA AB OEL / STEL	:	15-minute occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA BC OEL / STEL	:	short-term exposure limit
CA QC OEL / TWAEV	:	Time-weighted average exposure value
CA QC OEL / STEV	:	Short-term exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan): ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation,





INDUSTRY CLEANER, 365 g

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Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
Revision Date Date format	:	03/24/2025 mm/dd/yyyy

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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