SAFETY DATA SHEET



IPA Presaturated Wipes

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier	
Product name	: IPA Presaturated Wipes
Product code	: SIP100P, SIP100PE, SIP48P, SIP91P, 6609, 6309
Product description	: Cleaning Products Wipes
Product type	: Wipes/ Liquid.
Other means of identification	: Presaturated Wipes

1.2 Relevant identified uses of the substance or mixture and uses advised against Not applicable.

1.3 Details of the supplier of the safety data sheet

Manufacturer: Chemtronics 8125 Cobb Center Drive Kennesaw, GA 30152 Tel. 770-424-4888 or toll free 800-645-5244

Distributor:

Importer ITW Contamination Control BV Saffierlaan 5 VZ-2132 Hoofddorp The Netherlands Email: info@itw-cc.com Tel: +31 88 1307 400 FAX: +31 88 1307 499

e-mail address of person : info@itw-cc.com responsible for this SDS

National contact

ITW Contamination Control BV Saffierlaan 5 VZ-2132 Hoofddorp The Netherlands

Email: info@itw-cc.com

Tel: +31 88 1307 400 FAX: +31 88 1307 499

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number

: EMERGENCY HEALTH INFORMATION: Chemtrec - 1-800-424-9300 or collect 703-527-3887

Supplier

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

Telephone number	: Chemtronics Product Information: 800-TECH-401 (800-832-4401) Chemtronics Customer Service: 800-645-5244 Chemtrec 800-424-9300
Hours of operation	: Chemtrec - 1-800-424-9300 or collect 703-527-3887 For emergency responders 24/7
Information limitations	: EMERGENCY HEALTH INFORMATION: EMERGENCY SPILL INFORMATION: Transport information

SECTION 2: Hazards identification

2.1 Classification of the sub	stance or mixture
Product definition	: Mixture
Classification according to	D Regulation (EC) No. 1272/2008 [CLP/GHS]
Flam. Liq. 2, H225	
Flam. Sol. 1, H228	
Eye Irrit. 2, H319	
STOT SE 3, H336	
The product is classified as I	hazardous according to Regulation (EC) 1272/2008 as amended.
Ingredients of unknown toxicity	: 17.5 percent of the mixture consists of component(s) of unknown toxicity
Ingredients of unknown ecotoxicity	: Contains 17.5 % of components with unknown hazards to the aquatic environment
See Section 16 for the full te	xt of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



Signal word	Danger	
Hazard statements	Highly flammable liquid and vapour. Flammable solid. Causes serious eye irritation. May cause drowsiness or dizziness.	
Precautionary statements		
Prevention	Wear protective gloves. Wear eye or face protection. Keep away from heat, ho surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment	
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing. ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin v water or shower.	
Storage	Keep cool.	
Disposal	Dispose of contents and container in accordance with all local, regional, nationa and international regulations.	I
Hazardous ingredients	propan-2-ol	
Supplemental label elements	FOR INDUSTRIAL USE ONLY	

SECTION 2: Hazards identification

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	nen	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		

Other hazards which do : None known. not result in classification

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	≥75 - <90	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]
			See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid me	easures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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SECTION 4: First aid measures

Ingestion	: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person

providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: cracking dryness irritation redness
Ingestion	: Adverse symptoms may include the following: stomach pains nausea or vomiting

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	1	Treat symptomatically. Contact poison treatment specialist immediately if large
		quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	occur and the container may burst, vapour/gas is heavier than air and accumulate in low or confined area	Highly flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.		
Hazardous combustion products	: Decomposition products may includ carbon dioxide carbon monoxide	de the following materia	als:	
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SECTION 5: Firefighting measures

5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental

pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

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SECTION 7: Handling and storage

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific solutions	: Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

procedures

Recommended monitoring : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

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SECTION 8: Exposure controls/personal protection

Appropriate engineering controls	Use only with adequate ventilation. Use process enclosures, local exhau entilation or other engineering controls to keep worker exposure to airbo ontaminants below any recommended or statutory limits. The engineeri ontrols also need to keep gas, vapour or dust concentrations below any xplosive limits. Use explosion-proof ventilation equipment.	orne ing
Individual protection measu		
Hygiene measures	Vash hands, forearms and face thoroughly after handling chemical produ- efore eating, smoking and using the lavatory and at the end of the working appropriate techniques should be used to remove potentially contaminate Vash contaminated clothing before reusing. Ensure that eyewash station afety showers are close to the workstation location.	ing period. ed clothing.
Eye/face protection	afety eyewear complying with an approved standard should be used wh ssessment indicates this is necessary to avoid exposure to liquid splash ases or dusts. If contact is possible, the following protection should be nless the assessment indicates a higher degree of protection: chemica oggles.	nes, mists, worn,
Skin protection		
Hand protection	Chemical-resistant, impervious gloves complying with an approved stand e worn at all times when handling chemical products if a risk assessmen his is necessary. disposable vinyl, natural rubber (latex), neoprene, new ubber, nitrile rubber, polyethylene (PE), polyvinyl chloride (PVC)	nt indicates
Body protection	Personal protective equipment for the body should be selected based on eing performed and the risks involved and should be approved by a spe efore handling this product. When there is a risk of ignition from static ever ear anti-static protective clothing. For the greatest protection from static ischarges, clothing should include anti-static overalls, boots and gloves. European Standard EN 1149 for further information on material and design equirements and test methods.	cialist electricity, c Refer to
Other skin protection	ppropriate footwear and any additional skin protection measures should elected based on the task being performed and the risks involved and s pproved by a specialist before handling this product.	
Respiratory protection	ased on the hazard and potential for exposure, select a respirator that r ppropriate standard or certification. Respirators must be used accordin espiratory protection program to ensure proper fitting, training, and other spects of use.	g to a
Environmental exposure controls	missions from ventilation or work process equipment should be checked nsure they comply with the requirements of environmental protection leg n some cases, fume scrubbers, filters or engineering modifications to the quipment will be necessary to reduce emissions to acceptable levels.	gislation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physic	al and chemical properties	
Appearance		
Physical state	: Liquid.	
Colour	: Clear.White.Clear liquid in white wiper. [Light]	
Odour	: Alcohol-like. [Strong]	
Odour threshold	: Not available.	
рН	: Not available.	
Melting point/freezing point	: Not available.	
Initial boiling point and boiling range	: Not available.	
Flash point	: Closed cup: 16°C [Tagliabue.]	
Evaporation rate	: <1 (butyl acetate = 1)	
Flammability (solid, gas)	: Not available.	
Upper/lower flammability or explosive limits	: Lower: 1.2% Upper: 7.7%	
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SECTION 9: Physical and chemical properties

Vapour pressure	: 26.4 kPa [room temperature]
Vapour density	: 2.07 [Air = 1]
Relative density	: 0.88
Solubility(ies)	: Not available.
Partition coefficient: n-octanol/ water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.
Explosive properties	: Not considered to be a product presenting a risk of explosion.
Oxidising properties	: Not available.

9.2 Other information Solubility in water

: Not available.

No additional information.

SECTION 10: Stability and reactivity			
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.		
10.2 Chemical stability	: The product is stable.		
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.		
10.4 Conditions to avoid	: Keep away from ignition sources such as heat/sparks/open flame No smoking.		
10.5 Incompatible materials	: Oxidising agents		
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.		

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
propan-2-ol	LD50 Dermal LD50 Oral	Rabbit Rat	12800 mg/kg 5000 mg/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
propan-2-ol	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Conclusion/Summary	: Not available.			•	

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SECTION 11: Toxicological information

Sensitisation	
Conclusion/Summary	: Not available.
Mutagenicity	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
0	1.16. (.1.1.1.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
propan-2-ol	Category 3	Not applicable.	Narcotic effects

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes	1	Not available.
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of exposure

 Potential acute health effects

 Eye contact
 : Causes serious eye irritation.

 Inhalation
 : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

 Skin contact
 : Causes skin irritation. Defatting to the skin.

Ingestion : Harmful if swallowed. Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.

Symptoms related to the	physical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following:

Lye contact	pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: cracking dryness irritation redness
Ingestion	 Adverse symptoms may include the following: stomach pains nausea or vomiting

Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure

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SECTION 11: Toxicological information

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	<u>ects</u>
Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Other information

: Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
propan-2-ol	Acute LC50 1400000 to 1950000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 4200 mg/l Fresh water	Fish - Rasbora heteromorpha	96 hours
	· Net ·····		•

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
propan-2-ol	0.05	-	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

- PBT : Not applicable.
- vPvB : Not applicable.
- **12.6 Other adverse effects** : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product		
Methods of disposal	The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.	
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.	
Packaging		
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.	
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.	

SECTION 14: Transport information

-	-	-		
	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	UN3175	UN3175	UN3175	095 Not acceptable for transport by aircraft.
14.2 UN proper shipping name	Solids containing flammable liquid, n.o. s. (Isopropyl alcohol)	Solids containing flammable liquid, n.o. s. (Isopropyl alcohol)	Solid containing FLAMMABLE LIQUIDS, N.O.S. (Isopropyl alcohol)	NOT TO BE SHIPPED BY AIR
14.3 Transport hazard class(es)	4.1	4.1	4.1	-
14.4 Packing group	II	11	11	-
14.5 Environmental hazards	No.	No.	No.	-
Additional information	-	-	-	- 095 Not acceptable for transport by aircraft.

14.6 Special precautions for user

: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

Europe inventory : All components are listed or exempted.

Ozone depleting substances (1005/2009/EU) Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is controlled under the Seveso Directive.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants Not listed.

Rotterdam Convention on Prior Informed Consent (PIC) Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

International lists

National inventory	
Australia	: All components are listed or exempted.
Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Japan	: Japan inventory (ENCS): All components are listed or exempted. Japan inventory (ISHL): Not determined.
Malaysia	: All components are listed or exempted.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Turkey	: Not determined.
United States	: All components are listed or exempted.

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SECTION 15: Regulatory information

15.2 Chemical safety
assessment: This product contains substances for which Chemical Safety Assessments are still
required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	 ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number
	vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 2, H225	On basis of test data
Flam. Sol. 1, H228	Expert judgment
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method

Full text of abbreviated H statements

H228 H319	Highly flammable liquid and vapour. Flammable solid. Causes serious eye irritation. May cause drowsiness or dizziness.

Full text of classifications [CLP/GHS]

Eye Irrit. 2, H319 Flam. Liq. 2, H225 Flam. Sol. 1, H228 STOT SE 3, H336		SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 2 FLAMMABLE SOLIDS - Category 1 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) - Category 3
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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.