In accordance with the Standard for Classification and Labelling of Chemical Substance and Material Safety Data Sheet, Article 10 Paragraph

# SAFETY DATA SHEET

### Interzone 762 Part B

### Section 1. Chemical product and company identification

### A. Product name : Interzone 762 Part B

Product code : HGA768

#### B. <u>Relevant identified uses of the substance or mixture and uses advised against</u>

Identified uses			
Professional application of coatings and inks			
Uses advised against	Reason		
All Other Uses			

C. Manufacturer	: International Farg AB Holmedalen 3 Aspereds Industriomrade SE-424 22 Angered Sweden
	Tel: +46 (0) 31 928500 Fax: +46 (0) 31 928530
Emergency telephone number (with hours of operation)	: +46 8 33 12 31
e-mail address of person responsible for this SDS	: sdsfellinguk@akzonobel.com

# Section 2. Hazards identification

A. Hazard classification	: FLAMMABLE LIQUIDS - Category 3 ORGANIC PEROXIDES - Type D
	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1
	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

### B. GHS label elements, including precautionary statements



Signal word	: Danger
Hazard statements	: Flammable liquid and vapour. Heating may cause a fire.
	Harmful if swallowed.
	Causes severe skin burns and eye damage.

#### **Precautionary statements**

Symbol

:

### Section 2. Hazards identification

Prevention	:	Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material- handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep away from clothing, incompatible materials and combustible materials. Keep only in original container. Keep container tightly closed. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Response	:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
Storage	:	Store locked up. Protect from sunlight. Store at temperatures not exceeding 25°C/77°F. Store in a well-ventilated place. Keep cool. Store away from other materials.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	:	Wear appropriate respirator when ventilation is inadequate.
C. Other hazards which do not result in classification	:	Temperature control may be required. Hazardous decomposition may occur.

## Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

Ingredient name	Common name	CAS number	%	Classification
2-Butanone, peroxide	methyl ethyl ketone peroxide	1338-23-4	≥60 - <70	Org. Perox. D, H242
				Acute Tox. 4, H302
				Skin Corr. 1, H314
				Eye Dam. 1, H318
butanone	butanone	78-93-3	≥5 - <10	Flam. Liq. 2, H225
				Eye Irrit. 2, H319
				STOT SE 3, H336

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

# Section 4. First aid measures

Α.	Eye contact	:	Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
В.	Skin contact	:	Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
C.	Inhalation	:	Get medical attention immediately. Call a poison center or physician. 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. 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.
D.	Ingestion	:	Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a 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.
E.	Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Specific treatments	:	No specific treatment.
	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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

### Section 5. Firefighting measures

A. <u>E</u>	Extinguishing media	
	Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
-	Unsuitable extinguishing media	: Do not use water jet.



# **X**.International.

### Section 5. Firefighting measures

В.	Specific hazards arising from the chemical	:	Flammable liquid and vapour. This material increases the risk of fire and may aid combustion. Heating may cause a fire. May re-ignite itself after fire is extinguished. Hazardous decomposition may occur. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
	Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide
C.	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.
	Special precautions 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.

## Section 6. Accidental release measures

A. Personal precaution protective equipmer and emergency procedures	, e , i
•••	No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is

B. 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).

### C. 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. Avoid contamination with reactive substances. Dilute with water and mop up if water-soluble. Do not absorb in sawdust or other combustible material. It may lead to a fire risk when it dries out. 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. Avoid contamination with reactive substances. Do not absorb in sawdust or other combustible material. It may lead to a fire risk when it dries out. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### Section 7. Handling and storage

### A. Precautions for safe handling

# Section 7. Handling and storage

	Protective measures :	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. 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. Keep away from clothing, incompatible materials and combustible materials. Temperature control may be required. 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.
В.	Conditions for safe : storage, including any incompatibilities	To avoid the risk of formation of shock-sensitive crystals or loss of stability, it is important to store the product within the recommended temperature range. Temperature control may be required. 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 at temperatures not exceeding 25°C/77°F. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Separate from reducing agents and combustible materials. Keep container tightly closed and sealed until ready for use. Prevent product contamination. 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.

# Section 8. Exposure controls/personal protection

### A. <u>Control parameters</u>

### **Occupational exposure limits**

Ingredient name	Exposure limits
2-Butanone, peroxide	Ministry of Labor (Republic of Korea, 8/2013).
	CEIL: 1.5 mg/m <sup>3</sup>
	CEIL: 0.2 ppm
butanone	Ministry of Labor (Republic of Korea,
	8/2013).
	STEL: 885 mg/m <sup>3</sup> 15 minutes.
	STEL: 300 ppm 15 minutes.
	TWA: 590 mg/m <sup>3</sup> 8 hours.
	TWA: 200 ppm 8 hours.

В.	Appropriate engineering controls	:	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
	Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



# Section 8. Exposure controls/personal protection

C.	Personal protective equi	<u>pment</u>
	Respiratory protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
	Eye protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
	Hand protection	: Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/ puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.
	Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
	Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

# Section 9. Physical and chemical properties

Α.	<u>Appearance</u>		
	Physical state	:	Liquid.
	Colour	:	Colourless.
В.	Odour	:	Solvent.
C.	Odour threshold	:	Not available.
D.	рН	:	Not applicable.
Ε.	Melting/freezing point	:	Not available.
F.	Boiling point/boiling	:	Lowest known value: 341°C (645.8°F) (di-"isononyl" phthalate).
	range		
G.	Flash point	:	Closed cup: 60°C (140°F)
	Fire point	1	Not available.
н.	Evaporation rate	:	Not available.
I.	Flammability (solid, gas)	:	Not available.
J.	Lower and upper explosive (flammable) limits	:	Greatest known range: Lower: 1.8% Upper: 11.5% (butanone)

Date of issue/Date of revision : 01/06/2017

# **K**.International.

# Section 9. Physical and chemical properties

K.	Vapour pressure	: Not available.
L.	Solubility	: Insoluble in the following materials: cold water.
М.	Vapour density	: Not available.
Ν.	Relative density	: 1.01
0.	Partition coefficient: n- octanol/water	: Not available.
Ρ.	Auto-ignition temperature	: Not available.
Q.	Decomposition temperature	: 60°C (140°F)
	SADT	: 60°C (140°F)
R.	Viscosity	: Kinematic (room temperature): 25 mm <sup>2</sup> /s (25 cSt)
S.	Molecular weight	: Not applicable.

# Section 10. Stability and reactivity

Α.	Chemical stability	:	SADT (Self-Accelerating Decomposition Temperature) is the lowest temperature at which self-accelerating decomposition may occur with a substance in the packaging as used for transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at or above the SADT. Contact with incompatible materials, such as acids, alkalis, heavy metal compounds and reducing agents, will result in hazardous decomposition.
	Possibility of hazardous reactions	:	Hazardous reactions or instability may occur under certain conditions of storage or use. Conditions may include the following: temperature increase high temperature Reactions may include the following: hazardous decomposition risk of causing fire
В.	Conditions to avoid	:	Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Avoid increased storage temperature. Drying on clothing or other combustible materials may cause fire.
C.	Incompatible materials	:	Reactive or incompatible with the following materials: oxidizing materials combustible materials reducing materials copper iron rust
D.	Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

:

# Section 11. Toxicological information

Α.	Information on likely routes of exposure	: Not available.
	Potential acute health	effects
	Inhalation	: May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system.
	Ingestion	: Harmful if swallowed. May cause burns to mouth, throat and stomach.
	Skin contact	: Causes severe burns.
	Eye contact	: Causes serious eye damage.
	Over-exposure signs/s	ymptoms
	Inhalation	: No specific data.
	Ingestion	: Adverse symptoms may include the following: stomach pains
	Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
	Eye contact	: Adverse symptoms may include the following: pain watering redness

### B. Health hazards

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-Butanone, peroxide	LC50 Inhalation Gas.	Rat	200 ppm	4 hours
•	LC50 Inhalation Vapour	Rat	3600 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	470 mg/kg	-
butanone	LD50 Dermal	Rabbit	6480 mg/kg	-
	LD50 Oral	Rat	2737 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
butanone	Skin - Mild irritant	Rabbit	-	24 hours 14 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-

#### **Sensitisation**

Not available.

### CMR - ISHA Article 42 Public Notice No 2013-38 Occupational Exposure Limits

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Not available.

# X.International.

# Section 11. Toxicological information

### Specific target organ toxicity (single exposure)

Name		Category	Route of exposure	Target organs
butanone		Category 3	Not applicable.	Narcotic effects
Specific target organ tox	icity (repeated exposure)			
Not available.				
Aspiration hazard				
Not available.				
Potential chronic health	<u>effects</u>			
Chronic toxicity				
Not available.				
General	: No known significant effect	cts or critical haza	rds.	
Carcinogenicity	: No known significant effect	cts or critical haza	rds.	
Mutagenicity	: No known significant effect	cts or critical haza	rds.	
Teratogenicity	: No known significant effect	cts or critical haza	rds.	
Developmental effects	: No known significant effect	cts or critical haza	rds.	
			a al a	

Fertility effects : No known significant effects or critical hazards.

### ATE value

Route	Result
Oral	713.7 mg/kg

# Section 12. Ecological information

### A. Ecotoxicity

Product/ingredient name	Result	Species	Exposure
butanone	Acute EC50 >500000 µg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute LC50 520000 µg/l Fresh water Acute LC50 400 ppm Marine water	Daphnia - Daphnia magna Fish - Cyprinodon variegatus - Juvenile (Fledgling, Hatchling, Weanling)	48 hours 96 hours

### B. Persistence and degradability

Not available.

#### C. Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential	
2-Butanone, peroxide	<0.3	-	low	
butanone	0.3	-	low	

### D. Mobility in soil

:

Soil/water partition	: Not available.
coefficient (Koc)	

E. Other adverse effects : No known significant effects or critical hazards.



## Section 13. Disposal considerations

Α.	Disposal methods	: 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
В.	Disposal 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

	UN	IMDG	ΙΑΤΑ
A. UN number	UN3105	UN3105	UN3105
B. UN proper shipping name	ORGANIC PEROXIDE TYPE D, LIQUID (2-Butanone, peroxide)	ORGANIC PEROXIDE TYPE D, LIQUID (2-Butanone, peroxide)	Organic peroxide type D, liquid (2-Butanone, peroxide)
C. Transport hazard class(es)	5.2	5.2	5.2
D. Packing group	-	-	-
E. Environmental hazards	No.	No.	No.
F. Additional information	<u>Special provisions</u> 122, 274, 323	Emergency schedules (EmS) F-J, S-R Special provisions 122, 274	Passenger and CargoAircraftQuantity limitation: 5 LPackaging instructions: 570Cargo Aircraft OnlyQuantitylimitation: 10 LPackaging instructions: 570Limited Quantities -Passenger AircraftQuantitylimitation: ForbiddenPackaging instructions:ForbiddenSpecial provisionsA20, A150, A802

IMDG Code Segregation group

:

: 16 - Peroxides

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.





# Section 15. Regulatory information

	0			
Α.	Regulation according to	ISF	1A	
	ISHA article 37 (Harmful substances prohibited from manufacture)	:	None of the components are listed.	
	ISHA article 38 (Harmful substances requiring permission)	:	None of the components are listed.	
	Article 2 of Youth Protection Act on Substances Hazardous to Youth	:	Not applicable.	
	Exposure Limits of Chemical Substances and Physical Factors The following components have an OEL: 2-Butanone, peroxide Methyl ethyl ketone			
	ISHA Enforcement Regs Annex 11-3 (Exposure standards established for harmful factors)	:	None of the components are listed.	
	ISHA Enforcement Regs Annex 11-4 (Harmful factors subject to Work Environment Measurement)	:	The following components are listed: Methyl ethyl ketone	
	ISHA Enforcement Regs Annex 12-2 (Harmful Factors Subject to Special Health Check- up)	:	The following components are listed: Methyl ethyl ketone	
	Standard of Industrial Safety and Health Annex 12 (Hazardous substances subject to control)	:	The following components are listed: Methyl ethyl ketone	
В.	Regulation according to	Ch	emicals Control Act	
	K-Reach Article 20 (Toxic chemicals)		Not applicable	
	K-Reach Article 27 (Prohibited)		None of the components are listed.	
	K-Reach Article 27 (Restricted)	:	None of the components are listed.	
	CSCA Article 11 (TRI)		The following components are listed: Methyl ethyl ketone	
	Korea inventory		All components are listed or exempted.	
	CSCA Article 39 (Accident Precaution Chemicals)	:	The following components are listed: Methyl ethyl ketone peroxide and containing it at the level of 25% or more.	d mixtures
	Dangerous Materials Safety Management Act	:	Class: Class 4 - Flammable Liquid Item: 4. Class 2 petroleums - Water-insoluble liquid Threshold: 1000 L Danger category: III Signal word: Contact with sources of ignition prohibited	
D.	Wastes regulation	:	Dispose of contents and container in accordance with all local, region and international regulations.	al, national
: Date	e of issue/Date of revision	: 0	1/06/2017	zoNobel
	sion 4		11/12	ZUNUDEI

### Section 15. Regulatory information

Ε.	Regulation according to other foreign laws		
	Europe inventory	:	All components are listed or exempted.
	United States inventory (TSCA 8b)	:	All components are listed or exempted.
	Japan inventory	:	Japan inventory (ENCS): All components are listed or exempted. Japan inventory (ISHL): Not determined.

### Section 16. Other information

Α.	References	:	Not available.
В.	Date of issue/Date of revision	:	01/06/2017
C.	Version	:	4
	Date of printing	:	01/06/2017

D. Other

**V** Indicates information that has changed from previously issued version.

Key to abbreviations	: ATE = Acute Toxicity Estimate
-	BCF = Bioconcentration Factor
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	IATA = International Air Transport Association
	IBC = Intermediate Bulk Container
	IMDG = International Maritime Dangerous Goods
	LogPow = logarithm of the octanol/water partition coefficient
	MARPOL = International Convention for the Prevention of Pollution From Ships,
	1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
	UN = United Nations

#### Notice to reader

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

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