

# SAFETY DATA SHEET

## 1414 XF

Version 2.0      Revision Date: 08/03/2021      SDS Number: 215000001103      Date of last issue: 02/12/2021  
Country / Language: US / EN

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### SECTION 1. IDENTIFICATION

Product name : 1414 XF  
Product code : 00000000002469816

#### Manufacturer or supplier's details

Company : LANXESS Corporation  
Product Safety & Regulatory Affairs  
111 RIDC Park West Drive  
15275-1112 Pittsburgh, United States of America

Responsible Department : +1800LANXESS

Emergency telephone : Chemtrec (800) 424-9300  
International (703) 527-3887  
Lanxess Emergency Phone (800) 410-3063

#### Recommended use of the chemical and restrictions on use

Recommended use : Colorants (pigments and dyestuffs), inorganic


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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Eye irritation : Category 2A  
Carcinogenicity : Category 1A  
Specific target organ toxicity - repeated exposure (Inhalation) : Category 1 (Lungs)

#### GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : Causes serious eye irritation.  
May cause cancer.  
Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

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**Precautionary Statements** :

**Prevention:**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.  
Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/ attention.  
If eye irritation persists: Get medical advice/ attention.

**Storage:**  
Store locked up.

**Disposal:**  
Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
mica	12001-26-2	>= 5 - < 10
Crystalline Quartz Silica	14808-60-7	>= 1 - < 5
aluminium oxide	1344-28-1	>= 1 - < 5
calcium oxide	1305-78-8	>= 1 - < 5
magnesium oxide	1309-48-4	>= 1 - < 5

|| Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. FIRST AID MEASURES

If inhaled : Move to fresh air.  
Get medical attention if symptoms occur.  
  
Get medical attention immediately.  
Remove victim to fresh air and keep at rest in a position com-

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Portable for breathing.  
If unconscious, place in recovery position and get medical attention immediately.  
Maintain open airway.  
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

- In case of skin contact : Wash off with plenty of water.  
Continue to rinse for at least 10 minutes.  
Wash contaminated clothing before re-use.
- In case of eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.  
If easy to do, remove contact lens, if worn.  
Continue to rinse for at least 10 minutes.  
Get medical attention if symptoms appear.
- If swallowed : Get medical attention if symptoms occur.

### Most important symptoms and effects, both acute and delayed

- Symptoms : May cause irritation with symptoms of reddening and itching.  
Eye: May cause irritation with symptoms of reddening, tearing and stinging.
- : May cause respiratory tract irritation with symptoms of coughing, sore throat and runny nose.  
Eye: Causes irritation with symptoms of reddening, tearing, stinging, and swelling.  
Adverse symptoms sometimes include the following:  
carcinogenic effects
- Effects : May cause mechanical irritation (abrasion).
- : Causes serious eye irritation.  
May cause cancer.  
Causes damage to organs through prolonged or repeated exposure if inhaled.

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## SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub>.
- Unsuitable extinguishing media : None known.
- Specific hazards during fire fighting : No information available.

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- Hazardous combustion products : The product itself does not burn.
- Further information : Standard procedure for chemical fires.  
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- 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.
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training.  
Keep unnecessary and unprotected personnel from entering.  
Avoid breathing dust.  
Use personal protective equipment.  
Avoid dust formation.
- Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods and materials for containment and cleaning up : Move containers from spill area.  
Vacuum or sweep up material and place in a designated, labeled waste container.  
Dispose of wastes in an approved waste disposal facility.
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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
  
Workers should wash hands and face before eating, drinking and smoking.
- Conditions for safe storage : Store in accordance with local regulations.  
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.  
Keep containers tightly closed in a dry, cool and well-ventilated place.  
Electrical installations / working materials must comply with the technological safety standards.

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Further information on storage stability : Keep in a dry place.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
mica	12001-26-2	TWA (Respirable particulate matter)	0.1 mg/m <sup>3</sup>	ACGIH
		TWA (Dust)	20 Million particles per cubic foot	OSHA Z-3
Crystalline Quartz Silica	14808-60-7	TWA (Respirable dust)	0.05 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable)	10 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO <sub>2</sub> +5	OSHA Z-3
		TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH
		PEL (respirable)	0.05 mg/m <sup>3</sup>	OSHA CARC
aluminium oxide	1344-28-1	TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Respirable particulate matter)	1 mg/m <sup>3</sup> (Aluminum)	ACGIH
calcium oxide	1305-78-8	TWA	2 mg/m <sup>3</sup>	ACGIH
		TWA	5 mg/m <sup>3</sup>	OSHA Z-1
magnesium oxide	1309-48-4	TWA (Inhalable particulate matter)	10 mg/m <sup>3</sup>	ACGIH
		TWA (fume, total particulate)	15 mg/m <sup>3</sup>	OSHA Z-1

**Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Personal protective equipment

Respiratory protection : Dust-protection mask if there is a risk of dust formation.

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Hand protection  
Material : Gloves

Eye protection : Safety glasses with side-shields

Skin and body protection : Wear suitable protective clothing.

Hygiene measures : General industrial hygiene practice.  
When using do not eat, drink or smoke.  
Wash face, hands and any exposed skin thoroughly after handling.  
Wash contaminated clothing before reusing.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Physical state : solid

Color : red

Odor : odorless

Odor Threshold : Not applicable  
No data available

pH : No data available

Melting point/range : 1,832 °F / 1,000 °C

Boiling point/boiling range : No data available

Flash point : No data available

Evaporation rate : No data available

Self-ignition : No data available

Burning number : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

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Vapor pressure	:	Not applicable
		No data available
Relative density	:	No data available
Density	:	No data available
Bulk density	:	300 - 1,000 kg/m <sup>3</sup>
Solubility(ies)		
Water solubility	:	insoluble
		insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	No specific data.
Incompatible materials	:	No specific data.
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

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**SECTION 11. TOXICOLOGICAL INFORMATION**

The most important known symptoms and effects are described in Section 2 and/or Section 4.

**Information on likely routes of exposure**

Inhalation  
Eye contact  
Skin contact

**Acute toxicity**

Not classified based on available information.

**Components:****mica:**

Acute oral toxicity : LD50 (Mammal - species unspecified): > 15,000 mg/kg  
Assessment: The substance or mixture has no acute oral toxicity

**aluminium oxide:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401

**calcium oxide:**

Acute oral toxicity : LD50 (Rat, female): > 5,000 mg/kg  
Method: OECD Test Guideline 425  
GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes

**magnesium oxide:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****mica:**

Species : Rabbit  
Result : No skin irritation

**aluminium oxide:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation



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### calcium oxide:

Result : Irritating to skin.

### Serious eye damage/eye irritation

Causes serious eye irritation.

### Components:

#### mica:

Species : Rabbit  
Result : No eye irritation

#### aluminium oxide:

Species : Rabbit  
Result : No eye irritation  
Method : OECD Test Guideline 405

### calcium oxide:

Result : Risk of serious damage to eyes.

### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

### Components:

#### mica:

Routes of exposure : Skin contact  
Species : Guinea pig  
Result : Did not cause sensitization on laboratory animals.

#### aluminium oxide:

Test Type : Draize Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Result : Did not cause sensitization on laboratory animals.

### Germ cell mutagenicity

Not classified based on available information.

### Components:

#### mica:

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Genotoxicity in vivo : Test Type: Micronucleus test  
Species: Mammalian-Animal  
Result: negative

### aluminium oxide:

Genotoxicity in vitro : Test system: Bacteria  
Method: OECD Test Guideline 471  
Result: negative

### Carcinogenicity

May cause cancer.

### Components:

#### Crystalline Quartz Silica:

Result : Excessive exposure to airborne crystalline silica can cause fibrotic lung damage, with scarring of the lungs with cough and shortness of breath. This is called "Silicosis". This is generally a slowly developing fibrotic disease as symptoms are usually delayed for 10 years or more. Symptoms are dyspnea, chest pain, breathlessness, and cough. The chronic lung scarring developed from the silica dust causes a progressive massive fibrosis. This may lead to increased susceptibility to tuberculosis.

<b>IARC</b>	Group 1: Carcinogenic to humans Crystalline Quartz Silica (Silica dust, crystalline)	14808-60-7
<b>OSHA</b>	OSHA specifically regulated carcinogen Crystalline Quartz Silica (crystalline silica)	14808-60-7
<b>NTP</b>	Known to be human carcinogen Crystalline Quartz Silica (Silica, Crystalline (Respirable Size))	14808-60-7

### Reproductive toxicity

Not classified based on available information.

### Components:

#### calcium oxide:

Effects on fetal development : Species: Rat  
Application Route: Oral  
Duration of Single Treatment: 10 d  
Developmental Toxicity: NOAEL: >= 680 mg/kg body weight  
Method: OECD Test Guideline 414  
Result: No teratogenic potential.

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GLP: no

Species: Mouse  
Application Route: Oral  
Duration of Single Treatment: 10 d  
General Toxicity Maternal: NOAEL:  $\geq$  440 mg/kg body weight  
Developmental Toxicity: NOAEL:  $\geq$  440 mg/kg body weight  
Method: OECD Test Guideline 414  
GLP: no

### STOT-single exposure

Not classified based on available information.

#### Components:

##### **aluminium oxide:**

Assessment : May cause respiratory irritation.

##### **calcium oxide:**

Assessment : May cause respiratory irritation.

##### **magnesium oxide:**

Assessment : May cause respiratory irritation.

### STOT-repeated exposure

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

#### Components:

##### **mica:**

Routes of exposure : Inhalation  
Target Organs : Lungs  
Assessment : May cause damage to organs through prolonged or repeated exposure.  
Remarks : Prolonged inhalation of excessive levels of dust may cause pneumoconiosis.

##### **Crystalline Quartz Silica:**

Routes of exposure : Inhalation  
Target Organs : Lungs  
Assessment : Causes damage to organs through prolonged or repeated exposure.

##### **aluminium oxide:**

Routes of exposure : Inhalation  
Target Organs : Lungs  
Assessment : May cause damage to organs through prolonged or repeated exposure.

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### Repeated dose toxicity

#### Components:

##### magnesium oxide:

Species : Rat  
NOAEL : < 1,120 mg/m<sup>3</sup>  
Application Route : Inhalation  
Exposure time : 29 d  
Remarks : Chronic toxicity

#### Aspiration toxicity

Not classified based on available information.

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### aluminium oxide:

Toxicity to fish : LC50 (Salmo trutta (brown trout)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
GLP: yes

##### calcium oxide:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 50.6 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 49.1 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
GLP: yes

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Toxicity to algae/aquatic plants : EC10 (Pseudokirchneriella subcapitata (microalgae)): 79.22 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
GLP: yes

EC50 (Pseudokirchneriella subcapitata (microalgae)): 184.57 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
GLP: yes

Toxicity to microorganisms : EC10 (activated sludge): 300.4 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209  
GLP: yes

### **magnesium oxide:**

Toxicity to fish : LC50 (Fish): > 10,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l  
Exposure time: 48 h

### **Persistence and degradability**

#### **Components:**

##### **mica:**

Biodegradability : Result: The methods for determining the biological degradability are not applicable to inorganic substances.

##### **aluminium oxide:**

Biodegradability : Result: The methods for determining the biological degradability are not applicable to inorganic substances.

##### **magnesium oxide:**

Biodegradability : Result: The methods for determining the biological degradability are not applicable to inorganic substances.

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

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Additional ecological information : Ecotoxicological data are not available.  
No known significant effects or critical hazards.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Waste from residues : The generation of waste should be avoided or minimized wherever possible.  
This material and its container must be disposed of in a safe way.  
Empty containers retain product residue; observe all precautions for product.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

### Domestic regulation

#### 49 CFR

Not regulated as a dangerous good

### Hazard and Handling Notes.

Not dangerous cargo, Keep separated from foodstuffs

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### SECTION 15. REGULATORY INFORMATION

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)  
Serious eye damage or eye irritation

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

aluminium oxide    1344-28-1                      >= 1 - < 5 %

#### US State Regulations

##### Massachusetts Right To Know

mica	12001-26-2	1 - 10
Crystalline Quartz Silica	14808-60-7	1 - 5
aluminium oxide	1344-28-1	1 - 5
calcium oxide	1305-78-8	1 - 5
diphosphorus pentaoxide	1314-56-3	< 0.1

##### Pennsylvania Right To Know

Hematite (Fe2O3)	1317-60-8	90 - 100
Dolomite (CaMg(CO3)2)	16389-88-1	5 - 15
mica	12001-26-2	1 - 10
Crystalline Quartz Silica	14808-60-7	1 - 5
aluminium oxide	1344-28-1	1 - 5
calcium oxide	1305-78-8	1 - 5
magnesium oxide	1309-48-4	1 - 5

##### California Prop. 65

WARNING: This product can expose you to chemicals including Crystalline Quartz Silica, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### TSCA inventory

TSCA : This material is included in the TSCA Inventory as a naturally occurring chemical substance as described in 40 CFR 710.4 (b).

#### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

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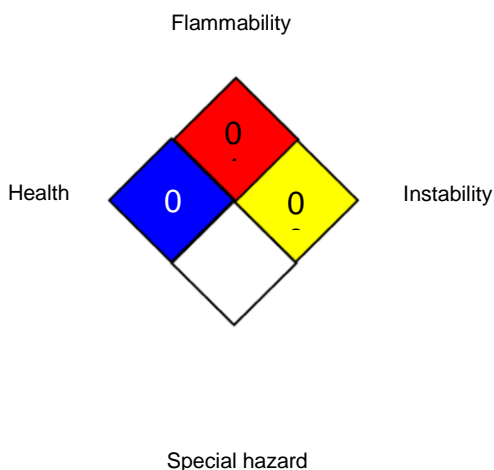
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## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA 704:



#### HMIS® IV:

HEALTH	/	0
FLAMMABILITY		0
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
OSHA CARC : OSHA Specifically Regulated Chemicals/Carcinogens  
OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants  
OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts  
ACGIH / TWA : 8-hour, time-weighted average  
OSHA CARC / PEL : Permissible exposure limit (PEL)  
OSHA Z-1 / TWA : 8-hour time weighted average  
OSHA Z-3 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EC<sub>x</sub> - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL<sub>x</sub> - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC<sub>x</sub> - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; 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; IC<sub>50</sub> - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International



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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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

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The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered to be a guidance for processing and does not contain any warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.