

CRYOLITE, synth. powder

Revision Date 03/07/2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Trade name CRYOLITE, synth. powder
- Chemical name Trisodium hexafluoroaluminate
- Molecular formula $3\text{NaF}\cdot\text{AlF}_3$

1.2 Relevant identified uses of the substance or mixture and uses advised against**Uses of the Substance / Mixture**

- Metallurgy.
- Glass industry
- Abrasive
- Fillers

Distributed By:
SAL Chemical
3036 Birch Drive
Weirton, WV 26062
304-748-8200

1.3 Details of the supplier of the safety data sheet**Company**

SOLVAY FLUORIDES, LLC
3737 Buffalo Speedway,
Suite 800,
Houston, TX 77098
USA
Tel: 800-515-6065

1.4 Emergency telephone

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: CHEMTREC 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

SECTION 2: Hazards identification

Although OSHA has not adopted the environmental portion of the GHS regulations, this document may include information on environmental effects.

2.1 Classification of the substance or mixture**HCS 2012 (29 CFR 1910.1200)**

Acute toxicity, Category 4
Effects on or via lactation
Specific target organ systemic toxicity - repeated exposure, Category 1
Specific target organ systemic toxicity - repeated exposure, Category 1

H332: Harmful if inhaled.
H362: May cause harm to breast-fed children.
H372: Causes damage to organs through prolonged or repeated exposure if swallowed. , Oral
H372: Causes damage to organs through prolonged or repeated exposure if inhaled. , Inhalation

2.2 Label elements**HCS 2012 (29 CFR 1910.1200)****Pictogram****Signal Word**

- Danger

Hazard Statements

- H332 Harmful if inhaled.
- H362 May cause harm to breast-fed children.
- H372 Causes damage to organs through prolonged or repeated exposure if swallowed.
- H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

Precautionary StatementsPrevention

- P201 Obtain special instructions before use.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
- P263 Avoid contact during pregnancy/ while nursing.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.

Response

- P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- P308 + P313 IF exposed or concerned: Get medical advice/ attention.

2.3 Other hazards which do not result in classification

- H401: Toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.
- Chronic exposure may entail dental or skeletal fluorosis

SECTION 3: Composition/information on ingredients**3.1 Substance****Hazardous Ingredients and Impurities**

Chemical name	Identification number CAS-No.	Concentration [%]
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	13775-53-6	>= 95 - < 99

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

3.2 Mixture

Not applicable, this product is a substance.

SECTION 4: First aid measures**4.1 Description of first-aid measures****In case of inhalation**

- Move to fresh air.
- Oxygen or artificial respiration if needed.
- If symptoms persist, call a physician.

In case of skin contact

- Take off contaminated clothing and wash before reuse.
- Wash off with plenty of water.
- If symptoms persist, call a physician.

In case of eye contact

- Rinse immediately with plenty of water and seek medical advice.

In case of ingestion

- Immediate medical attention is required.
- Take victim immediately to hospital.
- Rinse mouth with water.
- Do NOT induce vomiting.
- Artificial respiration and/or oxygen may be necessary.

4.2 Most important symptoms and effects, both acute and delayed**In case of inhalation****Symptoms**

- Cough
- sore throat
- Nose bleeding
- At high concentrations:
- Chemical pneumonitis

Effects

- Irritating to mucous membranes
- Repeated or prolonged exposure***
- Risk of chronic bronchitis

In case of skin contact**Effects**

- slight irritation

In case of eye contact**Effects**

- slight irritation

In case of ingestion**Symptoms**

- Nausea
- Vomiting
- Abdominal pain
- Diarrhea

Effects

- risk of hypocalcemia with nervous problems (tetany) and cardiac arrhythmia
- Liver injury may occur.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

- Immediate medical attention is required.
- Medical examination necessary even only on suspicion of intoxication.

SECTION 5: Firefighting measures

Flash point Not applicable, inorganic

Autoignition temperature Not applicable

Flammability / Explosive limit no data available

5.1 Extinguishing media

Suitable extinguishing media

- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

- None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting

- Not combustible.
- Hazardous decomposition products formed under fire conditions.

Hazardous combustion products:

- Hydrogen fluoride

5.3 Advice for firefighters

Special protective equipment for fire-fighters

- In the event of fire, wear self-contained breathing apparatus.
- Use personal protective equipment.
- Wear chemical resistant oversuit
- Cool containers/tanks with water spray.
- Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel

- Keep people away from and upwind of spill/leak.
- Avoid dust formation.

Advice for emergency responders

- Wear self-contained breathing apparatus and protective suit.

- Sweep up to prevent slipping hazard.
- Prevent further leakage or spillage.

6.2 Environmental precautions

- Do not flush into surface water or sanitary sewer system.
- If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

- Pick up and transfer to properly labeled containers.
- Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

- Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use only in well-ventilated areas.
- Keep away from heat and sources of ignition.
- Keep away from incompatible products

Hygiene measures

- Eye wash bottles or eye wash stations in compliance with applicable standards.
- When using do not eat, drink or smoke.
- Handle in accordance with good industrial hygiene and safety practice.
- Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

- Store in original container.
- Keep in a dry place.
- Keep in properly labeled containers.
- Keep container closed.

- Keep away from:
- Incompatible products

Packaging material

Suitable material

- Paper.

Unsuitable material

- no data available

7.3 Specific end use(s)

- Contact your supplier for additional information

SECTION 8: Exposure controls/personal protection

Introductory Remarks: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Assistance

with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

8.1 Control parameters

Components with workplace occupational exposure limits

Ingredients	Value type	Value	Basis
Particles not otherwise specified (PNOS)			National Institute for Occupational Safety and Health Includes all inert or nuisance dusts, whether mineral, inorganic, not listed specifically in 1910.1000., See Appendix D - Substances with No Established RELs
Particles not otherwise specified (PNOS)	TWA	15 mg/m3	Occupational Safety and Health Administration - Table Z-1 Limits for Air Contaminants Form of exposure : total dust All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.
Particles not otherwise specified (PNOS)	TWA	5 mg/m3	Occupational Safety and Health Administration - Table Z-1 Limits for Air Contaminants Form of exposure : respirable fraction All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.
Particles not otherwise specified (PNOS)	TWA	10 mg/m3	American Conference of Governmental Industrial Hygienists Form of exposure : Inhalable fraction
Particles not otherwise specified (PNOS)	TWA	3 mg/m3	American Conference of Governmental Industrial Hygienists Form of exposure : Respirable fraction
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	TWA	2.5 mg/m3	Occupational Safety and Health Administration - Table Z-1 Limits for Air Contaminants CAS number varies with compound Expressed as :Fluorine
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	TWA	2.5 mg/m3	American Conference of Governmental Industrial Hygienists Expressed as :Fluorine
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	TWA	1 mg/m3	American Conference of Governmental Industrial Hygienists Form of exposure : Respirable fraction Expressed as :Aluminum
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	TWA	2.5 mg/m3	National Institute for Occupational Safety and Health Expressed as :Fluorine
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	TWA	0.1 mg/m3	Solvay Acceptable Exposure Limit Form of exposure : Respirable

NIOSH IDLH (Immediately Dangerous to Life or Health Concentrations)

Ingredients	CAS-No.	Concentration
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	13775-53-6	250 mg/m ³

Biological Exposure Indices

Ingredients	Value type	Value	Basis
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	BEI	2 mg/l Fluoride Urine Prior to shift (16 hours after exposure ceases)	American Conference of Governmental Industrial Hygienists
Aluminate(3-), hexafluoro-, sodium (1:3), (OC-6-11)-	BEI	3 mg/l Fluoride Urine End of shift (As soon as possible after exposure ceases)	American Conference of Governmental Industrial Hygienists

8.2 Exposure controls**Control measures****Engineering measures**

- Provide appropriate exhaust ventilation at places where dust is formed.
- Apply technical measures to comply with the occupational exposure limits.

Individual protection measures**Respiratory protection**

- In case of insufficient ventilation, wear suitable respiratory equipment.
- In case of emissions and dust clouds/fog/fumes, face mask with combined type E-P3 cartridge.
- Use only respiratory protection that conforms to international/ national standards.
- Use NIOSH approved respiratory protection.
- Comply with OSHA respiratory protection requirements.

Hand protection

- Impervious gloves

Suitable material

- Neoprene
- Fluoroelastomer

Eye protection

- Dust proof goggles obligatory.

Skin and body protection

- Dust impervious protective suit

Hygiene measures

- Eye wash bottles or eye wash stations in compliance with applicable standards.
- When using do not eat, drink or smoke.
- Handle in accordance with good industrial hygiene and safety practice.
- Wash hands before breaks and at the end of workday.

SECTION 9: Physical and chemical properties

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product information phone number in Section 1 for its exact specifications.

9.1 Information on basic physical and chemical properties

<u>Appearance</u>	<u>Form:</u> powder, crystalline <u>Physical state:</u> solid <u>Color:</u> slightly coloured
	<u>Particle size:</u> 20.97 µm d 90 9.78 µm d 50 1.73 µm d 10
<u>Odor</u>	odorless
<u>Odor Threshold</u>	no data available
<u>Molecular weight</u>	210 g/mol
<u>pH</u>	7.0 (0.42 g/l) (77 °F (25 °C))
<u>Melting point/freezing point</u>	<u>Melting point/range:</u> 1,848 - 1,854 °F (1,009 - 1,012 °C)
<u>Initial boiling point and boiling range</u>	<u>Boiling point/boiling range:</u> () Not applicable
<u>Flash point</u>	Not applicable, inorganic
<u>Evaporation rate (Butylacetate = 1)</u>	no data available
<u>Flammability (solid, gas)</u>	The product is not flammable.
<u>Flammability / Explosive limit</u>	<u>Explosiveness:</u> Not explosive
<u>Autoignition temperature</u>	Not applicable
<u>Vapor pressure</u>	Not applicable
<u>Vapor density</u>	no data available
<u>Density</u>	<u>Bulk density:</u> 500 - 800 kg/m ³ (68 °F (20 °C))

CRYOLITE, synth. powder

Revision Date 03/07/2017

<u>Relative density</u>	2.97 (68 °F (20 °C))
<u>Solubility</u>	<u>Water solubility:</u> (68 °F (20 °C)) slightly soluble
	0.602 g/l (pH: 5.5 - 7)
	0.217 g/l (pH: 8.5 - 9)
<u>Partition coefficient: n-octanol/water</u>	Not applicable
<u>Decomposition temperature</u>	> 1,832 °F (> 1,000 °C)
<u>Viscosity</u>	<u>Viscosity, dynamic :</u> Not applicable
<u>Explosive properties</u>	no data available
<u>Oxidizing properties</u>	Not considered as oxidizing.

9.2 Other information

no data available

SECTION 10: Stability and reactivity**10.1 Reactivity**

- No decomposition if used as directed.

10.2 Chemical stability

- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

- Decomposes by reaction with strong acids.
- Decomposes on heating.

10.4 Conditions to avoid

- none

10.5 Incompatible materials

- Strong acids and strong bases

10.6 Hazardous decomposition products

- Hydrogen fluoride

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity****Acute oral toxicity**

LD50 : > 5,000 mg/kg - Rat , male and female
Method: OECD Test Guideline 401
Not classified as hazardous for acute oral toxicity according to GHS.

Acute inhalation toxicity

LC50 - 4 h (aerosol) : 4.47 mg/l - Rat , male and female
Method: OECD Test Guideline 403
This product is classified as acute toxicity category 4

Acute dermal toxicity

LD50 : > 2,100 mg/kg - Rabbit , male and female
Method: OECD Test Guideline 402
Not classified as hazardous for acute dermal toxicity according to GHS.

Acute toxicity (other routes of administration)

no data available

Skin corrosion/irritation

Rabbit
No skin irritation

Serious eye damage/eye irritation

Rabbit
No eye irritation

Respiratory or skin sensitization

Maximization Test - Guinea pig
Does not cause skin sensitization.
Method: OECD Test Guideline 406

Mutagenicity**Genotoxicity in vitro**

Ames test
with and without metabolic activation

negative
Method: OECD Test Guideline 471

unscheduled DNA synthesis assay
Strain: rat hepatocytes
with and without metabolic activation

negative
Method: OECD Test Guideline 482

Chromosome aberration test in vitro
Strain: Human lymphocytes
with and without metabolic activation

negative
Method: OECD Test Guideline 473

Genotoxicity in vivo

Chromosome aberration test in vivo - Rat
male and female
Inhalation
Method: OECD Test Guideline 475

negative

Carcinogenicity

By analogy

Test substance: fluorides
Animal testing did not show any carcinogenic effects.

This product does not contain any ingredient designated as probable or suspected human carcinogens by:

NTP
IARC
OSHA
ACGIH

Toxicity for reproduction and development**Toxicity to reproduction / fertility**

Two-generation study - Rat , male and female
Oral
NOAEL parent: 128 mg/kg

Developmental Toxicity/Teratogenicity

Rat
Application Route: Oral
NOAEL teratogenicity: 42 mg/kg

STOT**STOT-single exposure** no data available**STOT-repeated exposure**

The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 1 according to GHS criteria.

Inhalation (aerosol) 90-day - Rat , male and female
NOAEC: 0.21 mg/m3
Target Organs: Respiratory Tract
Method: OECD Test Guideline 413**CMR effects****Reproductive toxicity**

Effects on or via lactation

Aspiration toxicity

no data available

Further information

no data available

SECTION 12: Ecological information**12.1 Toxicity****Aquatic Compartment****Acute toxicity to fish**LC50 - 96 h : 99 mg/l - Danio rerio (zebra fish)
static test
Analytical monitoring: yesMethod: OECD Test Guideline 203
Harmful to fish.

Acute toxicity to daphnia and other aquatic invertebrates.

EC50 - 48 h : 156 mg/l - Daphnia magna (Water flea)
 static test
 Analytical monitoring: no
 Method: OECD Test Guideline 202
 Not harmful to aquatic invertebrates. (EC/EL50 > 100 mg/L)

Toxicity to aquatic plants

ErC50 - 72 h : 8.8 mg/l - Pseudokirchneriella subcapitata (green algae)
 static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 201
 Toxic to algae.

NOEC - 72 h : 1 mg/l - Pseudokirchneriella subcapitata (green algae)
 static test
 Analytical monitoring: yes
 Endpoint: Growth rate
 Method: OECD Test Guideline 201
 Toxic to algae with long lasting effects.

Toxicity to microorganisms

EC50 - 3 h : > 160 mg/l - activated sludge
 static test
 Method: OECD Test Guideline 209

Chronic toxicity to fish

no data available

Chronic toxicity to daphnia and other aquatic invertebrates.

no data available

Chronic Toxicity to aquatic plants

no data available

12.2 Persistence and degradability**Abiotic degradation****Stability in water**

acid/base equilibrium as a function of pH,
 complexation/precipitation of inorganic and organic materials,

Physical- and photo-chemical elimination

no data available

Biodegradation

Biodegradability

The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential**Partition coefficient: n-octanol/water**

Not applicable, inorganic substance

Bioconcentration factor (BCF)

Not applicable, inorganic substance

12.4 Mobility in soil**Adsorption potential (Koc)**

Adsorption/Soil
Log Koc: 3.18

Air
mobility as solid aerosols

Water
low solubility and mobility

Soil/sediments
adsorption on mineral and organic soil constituents

Known distribution to environmental compartments no data available

12.5 Results of PBT and vPvB assessment Not applicable

12.6 Other adverse effects no data available

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product Disposal**

- Where possible recycling is preferred to disposal or incineration.
- In accordance with local and national regulations.

CRYOLITE, synth. powder

Revision Date 03/07/2017

Waste Code

- Environmental Protection Agency
- Hazardous Waste – NO

Advice on cleaning and disposal of packaging

- Dispose of as unused product.

SECTION 14: Transport information

Transportation status: IMPORTANT! Statements below provide additional data on listed transport classification. The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

DOT

14.1 UN number	UN 3077
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Trisodium hexafluoroaluminate)
14.3 Transport hazard class	9
Label(s)	9
14.4 Packing group	
Packing group	III
ERG No	171
14.5 Environmental hazards	YES
Marine pollutant	Marine Pollutant

TDG

14.1 UN number	UN 3077
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Trisodium hexafluoroaluminate)
14.3 Transport hazard class	9
Label(s)	9
14.4 Packing group	
Packing group	III
ERG No	171
14.5 Environmental hazards	YES
Marine pollutant	Marine Pollutant

NOM

14.1 UN number	UN 3077
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Trisodium hexafluoroaluminate)
14.3 Transport hazard class	9
Label(s)	9

P00000019190
Version : 1.08 / US (Z8)

www.solvay.com



CRYOLITE, synth. powder

Revision Date 03/07/2017

14.4 Packing group

Packing group	III
ERG No	171

14.5 Environmental hazards

Marine pollutant	NO
------------------	----

IMDG**14.1 UN number**

UN 3077

14.2 Proper shipping nameENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Trisodium hexafluoroaluminate)**14.3 Transport hazard class**

9

Label(s)

9

14.4 Packing group

Packing group	III
---------------	-----

14.5 Environmental hazards

Marine pollutant	YES
------------------	-----

14.6 Special precautions for user

EmS	F-A , S-F
-----	-----------

For personal protection see section 8.

IATA**14.1 UN number**

UN 3077

14.2 Proper shipping nameENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Trisodium hexafluoroaluminate)**14.3 Transport hazard class**

9

Label(s):

9

14.4 Packing group

Packing group	III
---------------	-----

Packing instruction (cargo aircraft)

956

Max net qty / pkg

400.00 kg

Packing instruction (passenger aircraft)

956

Max net qty / pkg

400.00 kg

14.5 Environmental hazards

YES

14.6 Special precautions for user

For personal protection see section 8.

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transportation regulations for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15: Regulatory information**15.1 Notification status**

Inventory Information	Status
United States TSCA Inventory	- Listed on Inventory
Mexico INSQ (INSQ)	- One or more components not listed on inventory
Canadian Domestic Substances List (DSL)	- Listed on Inventory
New Zealand. Inventory of Chemical Substances	- In compliance with the inventory
Australia Inventory of Chemical Substances (AICS)	- Listed on Inventory
Japan. CSCL - Inventory of Existing and New Chemical Substances	- Not in compliance with the inventory
Korea. Korean Existing Chemicals Inventory (KECI)	- Listed on Inventory
China. Inventory of Existing Chemical Substances in China (IECSC)	- Listed on Inventory
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	- Listed on Inventory
EU. European Registration, Evaluation, Authorisation and Restriction of Chemical (REACH)	- If product is purchased from Solvay in Europe it is in compliance with REACH, if not please contact the supplier.

15.2 Federal Regulations**US. EPA EPCRA SARA Title III****SARA HAZARD DESIGNATION SECTIONS 311/312 (40 CFR 370)**

Fire Hazard	no
Reactivity Hazard	no
Sudden Release of Pressure Hazard	no
Acute Health Hazard	no
Chronic Health Hazard	yes

Section 313 Toxic Chemicals (40 CFR 372.65)

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355)

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section 302 Emergency Planning Extremely Hazardous Substance Reportable Quantity (40 CFR 355)

This material does not contain any components with a SARA 302 RQ.

Section 304 Emergency Release Notification Reportable Quantity (40 CFR 355)

This material does not contain any components with a section 304 EHS RQ.

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

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

15.3 State Regulations**US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16: Other information**NFPA (National Fire Protection Association) - Classification**

Health	0 minimal
Flammability	0 minimal
Instability or Reactivity	0 minimal
Special Notices	None

HMIS (Hazardous Materials Identification System (Paint & Coating)) - Classification

Health	0 minimal
Flammability	0 minimal
Reactivity	0 minimal
PPE	Determined by User; dependent on local conditions

Further information

- Product evaluated under the US GHS format.

Date Prepared: 03/07/2017

Key or legend to abbreviations and acronyms used in the safety data sheet

- TWA	8-hour, time-weighted average
- SAEL	Solvay Acceptable Exposure Limit
- ACGIH	American Conference of Governmental Industrial Hygienists
- OSHA	Occupational Safety and Health Administration
- NTP	National Toxicology Program
- IARC	International Agency for Research on Cancer
- NIOSH	National Institute for Occupational Safety and Health

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. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.