

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version	Revision Date:	SDS Number:	Date of last issue: 10/21/2020
2.0	03/18/2025	000000259935	Date of first issue: 10/21/2020

### SECTION 1. IDENTIFICATION

Product name : Sikadur-1490 Part B Formerly Mweld 1490 PART B

Product code : 000000000050565458

#### Manufacturer or supplier's details

Company name of supplier : Sika MBCC US LLC

Address : 201 POLITO AVE  
Lyndhurst NJ 07071

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

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

Recommended use : Grouting applications

Restrictions on use : Reserved for industrial and professional use.

### SECTION 2. HAZARDS IDENTIFICATION

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

Skin corrosion : Sub-category 1C

Serious eye damage : Category 1

Skin sensitization : Category 1

Carcinogenicity (Inhalation) : Category 1A

Specific target organ toxicity  
- repeated exposure (Oral) : Category 2 (Kidney)

Short-term (acute) aquatic  
hazard : Category 2

Short-term (acute) aquatic  
hazard : Category 1

Long-term (chronic) aquatic  
hazard : Category 2

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

### Other hazards

None known.

### GHS label elements

Hazard pictograms



Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H350 May cause cancer by inhalation.  
H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

Supplemental Hazard State-ments : Corrosive to the respiratory tract.

Precautionary Statements : **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe mist or vapors.  
P264 Wash skin thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.  
P280 Wear protective gloves, protective clothing, eye protection and face protection.

### Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.  
P305 + P351 + P338 + P310 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/ doctor.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

### Storage:

P405 Store locked up.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Components

Chemical name	CAS No./Unique ID	Concentration (% w/w)	Trade secret
Limestone	1317-65-3*	>= 45 - <= 70	TSC
talc	14807-96-6*	>= 10 - <= 30	TSC
Fatty acids, tall-oil, reaction products with tetraethylene-pentamine	68953-36-6*	>= 5 - <= 10	TSC
Formaldehyde, polymer with benzenamine, hydrogenated	135108-88-2*	>= 5 - <= 10	TSC
Benzyl alcohol	100-51-6*	>= 3 - <= 7	TSC
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2*	>= 1 - <= 5	TSC
3,6,9-triazaundecamethylene-1,11-diamine	112-57-2*	>= 0.5 - <= 1.5	TSC
Quartz (SiO <sub>2</sub> )	14808-60-7*	>= 0.1 - <= 1	TSC

\* Indicates that the identifier is a CAS No.

TSC- the actual concentration or concentration range is withheld as a trade secret

## SECTION 4. FIRST AID MEASURES

- |                         |   |
|-------------------------|---|
| General advice          | : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.   |
| If inhaled              | : If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.  |
| In case of skin contact | : After contact with skin, wash immediately with plenty of water and soap.<br>Under no circumstances should organic solvent be used.<br>If irritation develops, seek medical attention. |

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version	Revision Date:	SDS Number:	Date of last issue: 10/21/2020
2.0	03/18/2025	000000259935	Date of first issue: 10/21/2020

In case of eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Keep eye wide open while rinsing. Seek medical advice. If eye irritation persists, consult a specialist.
If swallowed	: Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.
Most important symptoms and effects, both acute and delayed	: Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause cancer by inhalation. May cause damage to organs through prolonged or repeated exposure if swallowed. Corrosive to the respiratory tract.
Notes to physician	: Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Foam Water spray Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	: water jet
Hazardous combustion products	: nitrogen oxides fumes/smoke carbon black corrosive gases/vapours
Further information	: The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.
Special protective equipment for fire-fighters	: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

Personal precautions, protective equipment and emergency procedures : Use personal protective clothing.  
Do not breathe vapour/aerosol/spray mists.  
Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Contain and collect mechanically and dispose of in accordance with local regulations.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Avoid contact with the skin, eyes and clothing.  
Avoid inhalation of mists/vapours.  
Ensure adequate ventilation.

Conditions for safe storage : Keep only in the original container in a cool, well-ventilated place.  
Protect from direct sunlight.  
Store protected against freezing.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Limestone	1317-65-3	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 (Total dust)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Respirable)	5 mg/m <sup>3</sup> (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup> (Calcium carbonate)	NIOSH REL
talc	14807-96-6	TWA (Dust)	20 Million particles per cubic foot	OSHA Z-3

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0      Revision Date: 03/18/2025      SDS Number: 000000259935      Date of last issue: 10/21/2020  
Date of first issue: 10/21/2020

		TWA (respirable dust fraction)	2 mg/m3	OSHA P0
		TWA (Respirable)	2 mg/m3	NIOSH REL
		TWA	0.1 fibres per cubic centimeter	ACGIH
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
Benzyl alcohol	100-51-6	TWA	10 ppm	US WEEL
3,6,9-triazaundecamethylene-1,11-diamine	112-57-2	TWA	5 mg/m3	US WEEL
Quartz (SiO2)	14808-60-7	TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		TWA (respirable)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
		PEL (respirable)	0.05 mg/m3	OSHA CARC

**Engineering measures** : Ensure adequate ventilation.

### Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.

Hand protection

Remarks : Wear chemical resistant protective gloves. Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection : Tightly fitting safety goggles (chemical goggles) and face shield.

Skin and body protection : Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

Protective measures : Avoid contact with the skin, eyes and clothing.  
In order to prevent contamination while handling, closed working clothes and working gloves should be used.  
Handle in accordance with good building materials hygiene and safety practice.

Hygiene measures : When using, do not eat, drink or smoke.  
Hands and/or face should be washed before breaks and at the end of the shift.  
At the end of the shift the skin should be cleaned and skin-care agents applied.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Color : gray

Odor : ammonia-like

Odor Threshold : not determined

pH : Not applicable

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : 212 °F / 100 °C  
Method: Pensky-Martens closed cup

Evaporation rate : No data available

Flammability (liquids) : not highly flammable  
Method: derived from flash point

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : negligible

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

Relative vapor density	:	Heavier than air.
Relative density	:	approx. 1.64 (approx. 68 °F / 20 °C)
Solubility(ies)	:	
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity	:	
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Explosive properties	:	Not explosive
Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
Sublimation point	:	No data available
Molecular weight	:	Not applicable
Metal corrosion rate	:	Corrosive effects to metal are not anticipated.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	:	The product is stable if stored and handled as prescribed/indicated.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong acids Strong bases



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

Strong oxidizing agents

Hazardous decomposition products : carbon oxides  
nitrogen oxides  
Aldehydes

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified due to lack of data.

#### Skin corrosion/irritation

Causes severe burns.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitization

##### Skin sensitization

May cause an allergic skin reaction.

##### Respiratory sensitization

Not classified due to lack of data.

##### Germ cell mutagenicity

Not classified due to lack of data.

##### Carcinogenicity

May cause cancer by inhalation.

<b>IARC</b>	Group 1: Carcinogenic to humans Quartz (SiO <sub>2</sub> ) (Silica dust, crystalline)	14808-60-7
-------------	---	------------

<b>OSHA</b>	OSHA specifically regulated carcinogen Quartz (SiO <sub>2</sub> ) (crystalline silica)	14808-60-7
-------------	--	------------

<b>NTP</b>	Known to be human carcinogen Quartz (SiO <sub>2</sub> ) (Silica, Crystalline (Respirable Size))	14808-60-7
------------	---	------------

#### Reproductive toxicity

Not classified due to lack of data.

#### STOT-single exposure

Corrosive to the respiratory tract.

#### STOT-repeated exposure

May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

### Aspiration toxicity

Not classified due to lack of data.

### Further information

#### Product:

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

#### Components:

#### Fatty acids, tall-oil, reaction products with tetraethylenepentamine:

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

#### Product:

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version	Revision Date:	SDS Number:	Date of last issue: 10/21/2020
2.0	03/18/2025	000000259935	Date of first issue: 10/21/2020

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues	:	Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	:	Dispose of container and any rinsate in an environmentally safe manner. Uncleaned empties should be disposed of in the same manner as the contents.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number	:	UN 1760
Proper shipping name	:	CORROSIVE LIQUID, N.O.S. (FORMALDEHYDE, POLYMER WITH BENZENAMINE, HYDROGENATED, 2,4,6- TRIS(DIMETHYLAMINOMETHYL)PHENOL)
Class	:	8
Packing group	:	III
Labels	:	8
Environmentally hazardous	:	no

##### IATA-DGR

UN/ID No.	:	UN 1760
Proper shipping name	:	Corrosive liquid, n.o.s. (FORMALDEHYDE, POLYMER WITH BENZENAMINE, HYDROGENATED, 2,4,6- TRIS(DIMETHYLAMINOMETHYL)PHENOL)
Class	:	8
Packing group	:	III
Labels	:	Corrosive
Packing instruction (cargo aircraft)	:	856
Packing instruction (passenger aircraft)	:	852

##### IMDG-Code

UN number	:	UN 1760
Proper shipping name	:	CORROSIVE LIQUID, N.O.S. (FORMALDEHYDE, POLYMER WITH BENZENAMINE, HYDROGENATED, 2,4,6- TRIS(DIMETHYLAMINOMETHYL)PHENOL)
Class	:	8
Packing group	:	III
Labels	:	8
EmS Code	:	F-A, S-B
Marine pollutant	:	no

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version	Revision Date:	SDS Number:	Date of last issue: 10/21/2020
2.0	03/18/2025	000000259935	Date of first issue: 10/21/2020

### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

### Domestic regulation

#### 49 CFR

UN/ID/NA number	: UN 1760
Proper shipping name	: Corrosive liquids, n.o.s.

(FORMALDEHYDE, POLYMER WITH BENZENAMINE,  
HYDROGENATED, 2,4,6-  
TRIS(DIMETHYLAMINOMETHYL)PHENOL)

Class	: 8
Packing group	: III
Labels	: CORROSIVE
ERG Code	: 154
Marine pollutant	: no

### Special precautions for user

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

## SECTION 15. REGULATORY INFORMATION

### US State Regulations

#### Pennsylvania Right To Know

Limestone	1317-65-3
talc	14807-96-6
Benzyl alcohol	100-51-6
3,6,9-triazaundecamethylene-1,11-diamine	112-57-2

#### New Jersey Right To Know

Limestone	1317-65-3
talc	14807-96-6
3,6,9-triazaundecamethylene-1,11-diamine	112-57-2
Quartz (SiO <sub>2</sub> )	14808-60-7

#### California Prop. 65

WARNING: This product can expose you to chemicals including Quartz (SiO<sub>2</sub>), 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).

### The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

DSL : All components of this product are on the Canadian DSL

### TSCA list

The following substance(s) is/are subject to a Significant New Use Rule:

4-nonylphenol, branched	84852-15-3	See 40 CFR § 721.10765; Proposed
-------------------------	------------	----------------------------------

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

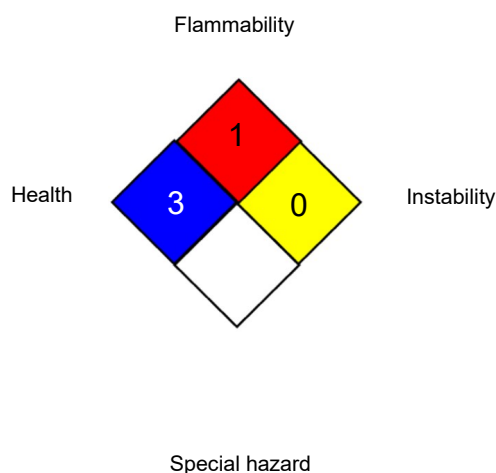
Version 2.0	Revision Date: 03/18/2025	SDS Number: 000000259935	Date of last issue: 10/21/2020 Date of first issue: 10/21/2020
----------------	------------------------------	-----------------------------	---

Rule

### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA 704:



##### HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

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)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA CARC	: OSHA Specifically Regulated Chemicals/Carcinogens
OSHA P0	: USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
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
US WEEL	: USA. Workplace Environmental Exposure Levels (WEEL)
ACGIH / TWA	: 8-hour, time-weighted average
NIOSH REL / TWA	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA CARC / PEL	: Permissible exposure limit (PEL)
OSHA P0 / TWA	: 8-hour time weighted average
OSHA Z-1 / TWA	: 8-hour time weighted average
OSHA Z-3 / TWA	: 8-hour time weighted average
US WEEL / TWA	: 8-hr TWA

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

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikadur-1490 Part B Formerly Mweld 1490 PART B

Version	Revision Date:	SDS Number:	Date of last issue: 10/21/2020
2.0	03/18/2025	000000259935	Date of first issue: 10/21/2020

the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; 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; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; 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

Revision Date : 03/18/2025

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a 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.

US / EN