Sikalastic HLM 5000 SL Formerly MSeal HLM 5000SLVHOR



Version Revision Date: SDS Number: Date of last issue: -

1.0 08/12/2020 000000260788 Date of first issue: 08/12/2020

SECTION 1. IDENTIFICATION

Product name : Sikalastic HLM 5000 SL Formerly MSeal HLM 5000SLVHOR

Product code : 00000000055356209

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

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

FLAMMABLE LIQUIDS : 3

Skin corrosion/irritation : 2

Serious eye damage/eye

irritation

Category 1

Carcinogenicity : 2

Reproductive toxicity : 1B

Reproductive toxicity : 1B

Specific target organ toxicity

- repeated exposure

Category 1 (Central nervous system)

GHS label elements

Hazard pictograms





Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

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H315 Causes skin irritation.

H351 Suspected of causing cancer.

H372 Causes damage to organs (Central nervous system)

through prolonged or repeated exposure. H360 May damage fertility or the unborn child.

Precautionary Statements

Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P201 Obtain special instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe dust or mist.

P202 Do not handle until all safety precautions have been read and understood.

P243 Take action to prevent static discharges.

P241 Use explosion-proof [electrical/ ventilating/ lighting/ .?] equipment.

P270 Do not eat, drink or smoke when using this product.

P264 Wash face, hands and any exposed skin thoroughly after handling.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P242 Use only non-sparking tools.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/ doctor/

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P362 + P364 Take off contaminated clothing and wash it before

P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

Storage:

P405 Store locked up.

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

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Components

Chemical name	CAS-No.	Concentration (% w/w)
Solvent naphtha (petroleum), light	64742-95-6	>= 7 - < 15
arom.		
calcium oxide	1305-78-8	>= 7 - < 10
Stoddard solvent	8052-41-3	>= 5 - < 10
1,2,4-trimethylbenzene	95-63-6	>= 0 - < 7
dibutyltin dilaurate	77-58-7	>= 0.3 - < 1
talc	14807-96-6	>= 15 - < 20
Asphalt	8052-42-4	>= 5 - < 15
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	>= 3 - < 7

SECTION 4. FIRST AID MEASURES

General advice Move out of dangerous area.

Consult a physician.

Show this material safety data sheet to the doctor in attend-

Do not leave the victim unattended.

If inhaled If unconscious, place in recovery position and seek medical

If symptoms persist, call a physician.

In case of skin contact If skin irritation persists, call a physician.

If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact Small amounts splashed into eyes can cause irreversible tis-

sue damage and blindness.

In the case of contact with eyes, rinse immediately with plenty

of water and seek medical advice.

Continue rinsing eyes during transport to hospital.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed Keep respiratory tract clear.

Do NOT induce vomiting.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician. Take victim immediately to hospital.

Most important symptoms

and effects, both acute and

delayed

Causes skin irritation.

Causes serious eye damage. Suspected of causing cancer.

May damage fertility or the unborn child.

Causes damage to organs through prolonged or repeated

exposure.



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Notes to physician Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray

> Foam Dry powder

Carbon dioxide (CO2)

Unsuitable extinguishing

media

High volume water jet

Specific hazards during fire

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Collect contaminated fire extinguishing water separately. This Further information

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

For safety reasons in case of fire, cans should be stored sepa-

rately in closed containments.

Use a water spray to cool fully closed containers.

Special protective equipment:

for fire-fighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer-

gency procedures

Use personal protective equipment. Remove all sources of ignition.

Evacuate personnel to safe areas.

Beware of vapors accumulating to form explosive concentra-

tions. Vapors can accumulate in low areas.

Prevent product from entering drains. **Environmental precautions**

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for

containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on protection against :

fire and explosion

Product is not explosive.

Do not spray on a naked flame or any incandescent material.





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Take necessary action to avoid static electricity discharge

(which might cause ignition of organic vapors).

Keep away from open flames, hot surfaces and sources of

ignition.

Advice on safe handling : Avoid formation of aerosol.

Do not breathe vapors/dust.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national

regulations.

Conditions for safe storage : no smoking

Keep container tightly closed in a dry and well-ventilated

place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage. Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age conditions

Keep only in the original container in a cool, dry, well-

ventilated place away from ignition sources, heat or flame.

Protect from direct sunlight.

Materials to avoid : Observe VCI storage rules.

Further information on stor-

age stability

No data available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
1,2,4-trimethylbenzene	95-63-6	TWA value	25 ppm	ACGIHTLV
		REL value	25 ppm 125 mg/m3	NIOSH
		TWA value	25 ppm 125 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	25 ppm 125 mg/m3	NIOSH REL
		TWA	25 ppm	ACGIH



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		TWA	25 ppm 125 mg/m3	OSHA P0
calcium oxide	1305-78-8	TWA value	2 mg/m3	ACGIHTLV
		REL value	2 mg/m3	NIOSH
		PEL	5 mg/m3	29 CFR
				1910.1000
				(Table Z-1)
		TWA value	5 mg/m3	29 CFR
				1910.1000
				(Table Z-1-A)
		TWA	2 mg/m3	ACGIH
		TWA	2 mg/m3	NIOSH REL
		TWA	5 mg/m3	OSHA Z-1
		TWA	5 mg/m3	OSHA P0
Asphalt	8052-42-4	TWA value	0.5 mg/m3	ACGIHTLV
		(Inhalable	(benzene	
		fraction)	solubles)	
		Ceil_Time	5 mg/m3	NIOSH
		(fumes/smok		
		e)		
		TWA value	0.5 mg/m3	ACGIHTLV
		(Inhalable	(benzene	
		fume)	solubles)	
		TWA (Fume,	0.5 mg/m3	ACGIH
		inhalable	(benzene soluble	
		fraction)	aerosol)	1110011 DE1
		C (Fumes)	5 mg/m3	NIOSH REL
talc	14807-96-6	TWA value	2 mg/m3	ACGIHTLV
		(Respirable		
		fraction)	00 Millian marti	00114.7.0
		TWA (Dust)	20 Million parti- cles per cubic foot	OSHA Z-3
		TWA (respir-	2 mg/m3	OSHA P0
		able dust		
		fraction)		
		TWA (Res-	2 mg/m3	NIOSH REL
		pirable)		
		TWA	0.1 fibres per	ACGIH
			cubic centimeter	
		TWA (Res-	2 mg/m3	ACGIH
		pirable par-		
		ticulate mat-		
		ter)		
Stoddard solvent	8052-41-3	TWA value	100 ppm	ACGIHTLV
		REL value	350 mg/m3	NIOSH
		Ceil_Time	1,800 mg/m3	NIOSH
		PEL	500 ppm	29 CFR
			2,900 mg/m3	1910.1000
				(Table Z-1)
		TWA value	100 ppm	29 CFR
			525 mg/m3	1910.1000
				(Table Z-1-A)





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•			•	
		TWA	100 ppm	ACGIH
		TWA	350 mg/m3	NIOSH REL
		С	1,800 mg/m3	NIOSH REL
		TWA	500 ppm 2,900 mg/m3	OSHA Z-1
		TWA	100 ppm 525 mg/m3	OSHA P0
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	TWA value (Inhalable fraction)	5 mg/m3	ACGIHTLV
		TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhal- able particu- late matter)	5 mg/m3	ACGIH
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupa-

tional exposure limits they must use appropriate certified

respirators.

Hand protection

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Wear face-shield and protective suit for abnormal processing

problems.

Skin and body protection : Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Do not inhale gases/vapours/aerosols.

Avoid contact with the skin, eyes and clothing.

Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene

and safety practice.

Wearing of closed work clothing is recommended.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES



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Appearance : semi-viscous

Color : black

Odor : strong, solvent

Odor Threshold : No data available

pH : neutral to slightly alkaline

Melting point : No applicable information available.

Boiling range : 307.99 - 700.00 °F / 153.33 - 371.11 °C

Flash point : 123 °F / 51 °C

Method: Standard Method of Test for Flash Point by Setaflash

Closed Tester

Evaporation rate : No applicable information available.

Flammability (solid, gas) : Flammable.

Upper explosion limit / Upper

flammability limit

7.0 %(V)

Lower explosion limit / Lower

flammability limit

0.9 %(V)

Vapor pressure : No data available

Relative vapor density : Heavier than air.

Relative density : No applicable information available.

Density : approx. 9.7 lb/USg (approx. 75 °F / 24 °C)

approx. 1.2 g/cm3 (approx. 68 °F / 20 °C)

Bulk density : approx. 900 - 1,600 kg/m3

Solubility(ies)

Water solubility : slightly soluble (68 °F / 20 °C)

Solubility in other solvents : No applicable information available.

Partition coefficient: n-

octanol/water

No applicable information available.

Autoignition temperature : No data available

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Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Not explosive

Oxidizing properties : Based on its structural properties the product is not classified

as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

Metal corrosion rate : Corrosive effects to metal are not anticipated.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

No decomposition if stored and applied as directed.

Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong acids

Strong bases

Strong oxidizing agents Strong reducing agents

Hazardous decomposition

products

No hazardous decomposition products if stored and handled

as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.



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Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks : Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

May damage fertility or the unborn child.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Central nervous system) through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

Further information

Product:

Remarks : Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available



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Persistence and degradability

No data available

Bioaccumulative potential

Components:

Solvent naphtha (petroleum), light arom.:

Partition coefficient: n- : log Pow: 3.17

octanol/water Method: other (calculated)

GLP: no

calcium oxide:

Partition coefficient: n-

octanol/water

Remarks: The value has not been determined because the

substance is inorganic.

Stoddard solvent:

Partition coefficient: n-

octanol/water

log Pow: 3.5 - 6.4 (68 °F / 20 °C)

Method: Partition coefficient (n-octanol/water), HPLC method.

1,2,4-trimethylbenzene:

Partition coefficient: n-

octanol/water

log Pow: 3.63 (77 °F / 25 °C) Method: other (calculated)

dibutyltin dilaurate:

Partition coefficient: n-

log Pow: 3.17 (69.4 °F / 20.8 °C)

octanol/water

pH: 6.1 - 6.3

Method: Partition coefficient (n-octanol/water), Shake-flask

method GLP: yes

talc:

Partition coefficient: n-

octanol/water

Remarks: not applicable

Asphalt:

Partition coefficient: n-

octanol/water

Remarks: not applicable

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-

mation

There is a high probability that the product is not acutely

harmful to aquatic organisms.

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual

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components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Dispose of in accordance with national, state and local regula-

tions.

Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible

and disposed of in the same manner as the sub-

stance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 1263
Proper shipping name : PAINT
Class : 3
Packing group : III
Labels : 3

IATA-DGR

UN/ID No. : UN 1263
Proper shipping name : PAINT
Class : 3

Packing group : III

Labels : Flammable Liquids

366

Packing instruction (cargo :

aircraft)

Packing instruction (passen- : 355

ger aircraft)

IMDG-Code

UN number : UN 1263 Proper shipping name : PAINT

Class : 3
Packing group : III
Labels : 3
EmS Code : F-E, S-E
Marine pollutant : no

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



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UN/ID/NA number : UN 1263

Proper shipping name : PAINT, COMBUSTIBLE LIQUID

Class : C Packing group : III

Labels : Combustible Liquid

ERG Code : 128 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

SARA 313 : The following components are subject to reporting levels es-

tablished by SARA Title III, Section 313:

1,2,4- 95-63-6

trimethylbenzene

The following components are subject to reporting levels es-

tablished by SARA Title III, Section 313:

cumene 98-82-8

US State Regulations

Pennsylvania Right To Know

1,2,4-trimethylbenzene	95-63-6
calcium oxide	1305-78-8
Asphalt	8052-42-4
talc	14807-96-6
Stoddard solvent	8052-41-3
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5

New Jersey Right To Know

1,2,4-trimethylbenzene	95-63-6
calcium oxide	1305-78-8
talc	14807-96-6
Stoddard solvent	8052-41-3
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5

California Prop. 65

WARNING: This product can expose you to chemicals including toluene-2,6-diisocyanate, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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

TSCA : On the inventory, or in compliance with the inventory





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SECTION 16. OTHER INFORMATION

Further information

NFPA 704:

Health 3 0 Instability

Special hazard

HMIS® IV:



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

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1-A (29 CFR 1910.1000)

1-Δ

1)

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR

1910.1000

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIHTLV : American Conference of Governmental Industrial Hygienists -

threshold limit values (US)

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA PO : USA. OSHA - TABLE Z-1 Limits for Air Contaminants -

1910.1000

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

29 CFR 1910.1000 (Table Z- :

1-A) / TWA value

Time Weighted Average (TWA):

29 CFR 1910.1000 (Table Z- : Permissible exposure limit

1) / PEL

ACGIH / TWA : 8-hour, time-weighted average ACGIHTLV / TWA value : Time Weighted Average (TWA):

NIOSH / Ceil_Time : Ceiling Limit Value and Time Period (if specified):

NIOSH / REL value : Recommended exposure limit (REL):

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek



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NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be exceeded

at any time during a workday

NIOSH REL / C : Ceiling value not be exceeded at any time.

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

AICS - Australian Inventory of Chemical Substances; 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); 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; 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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We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.



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