

SAFETY DATA SHEET



D.E.R.® 916 Epoxy Resin

Version 9.0 Revision Date: 11-16-2021 SDS Number: 101197741 Date of last issue: 11-15-2018
Date of first issue: 11-16-2021

BLUE CUBE OPERATIONS LLC encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

SECTION 1. IDENTIFICATION

Product name : D.E.R.® 916 Epoxy Resin
Product code : 000000001000001419

Manufacturer or supplier's details


Company name of supplier : BLUE CUBE OPERATIONS LLC
Address : 190 CARONDELET PLAZA, SUITE 1530
CLAYTON MO 63105-3467
Telephone : (844) 238-3445
E-mail address : INFO@OLIN.COM
24-Hour Emergency Contact : +1 800 424 9300
Local Emergency Contact : 1-800-424-9300
Identified uses : Used in applications such as:
Marine and protective coatings.

SECTION 2. HAZARDS IDENTIFICATION

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

Skin sensitization : Sub-category 1B

GHS label elements

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : May cause an allergic skin reaction.

Precautionary Statements : **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/

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attention.
P363 Wash contaminated clothing before reuse.

Disposal:

P501 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)
Reaction product of phenol-formaldehyde Novolac with epichlorohydrin	28064-14-4	50 - 60
Water	7732-18-5	40 - 50
Modified epoxy resin		< 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

If inhaled : Move person to fresh air; if effects occur, consult a physician.

In case of skin contact : Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands. Suitable emergency safety shower facility should be available in work area.

In case of eye contact : Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

If swallowed : If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed : Aside from the information found under Description of first aid measures(above)any additional important symptoms and effects are described in Section 11: Toxicology Information.

Protection of first-aiders : First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

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Notes to physician : No specific antidote.
Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.
- Specific hazards during fire fighting : This material will not burn until the water has evaporated. Residue can burn. Container may rupture from gas generation in a fire situation.
- Hazardous combustion products : Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds.
Combustion products may include and are not limited to:
Phenolics.
Carbon monoxide.
Carbon dioxide.
- Further information : Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.
Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container.
Move container from fire area if this is possible without hazard.
To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.
- Special protective equipment for fire-fighters : Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves).
Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location.
For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.
-

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Isolate area.
Keep unnecessary and unprotected personnel from entering the area.
Use appropriate safety equipment. For additional information,
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refer to Section 8, Exposure Controls and Personal Protection. Refer to section 7, Handling, for additional precautionary measures.

Environmental precautions : Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up : Contain spilled material if possible. Absorb with materials such as: Sand. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Conditions for safe storage : Store in a cool, dry place. Avoid freezing. Store at temperatures above 0° C (32° F) to prevent freezing.

Recommended storage temperature : 36 - 77 °F / 2 - 25 °C

Storage period : 12 Months

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Personal protective equipment

Respiratory protection : Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experi-

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enced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator.

Filter type : The following should be effective types of air-purifying respirators: Organic vapor cartridge.

Hand protection

Remarks : Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber. Ethyl vinyl alcohol laminate ('EVAL'). Nitrile/butadiene rubber ('nitrile' or 'NBR'). Neoprene. Polyvinyl chloride ('PVC' or 'vinyl'). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Eye protection : Use safety glasses (with side shields).

Skin and body protection : Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : white

Odor : Odorless

Odor Threshold : No test data available

pH : 6 - 7
Method: Literature

Melting point/range : Not applicable

Freezing point : No test data available

Boiling point/boiling range : ≥ 212 °F / ≥ 100 °C
Method: Literature (water)

Flash point : > 201 °F / > 94 °C
Method: Unspecified, closed cup (water-based product)

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Evaporation rate	:	Similar to water
Flammability (liquids)	:	Not expected to be a static-accumulating flammable liquid.
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	2.6 %(V) Method: Literature
Vapor pressure	:	Not applicable
Relative vapor density	:	Not applicable
Relative density	:	1.11 (77 °F / 25 °C) Method: Literature
Solubility(ies) Water solubility	:	Miscible with water in all proportions
Partition coefficient: n-octanol/water	:	No data available.
Autoignition temperature	:	Not applicable
Decomposition temperature	:	No test data available
Viscosity Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	2000 - 8000 mm ² /s (73 °F / 23 °C) Method: ASTM D 2196
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Molecular weight	:	No test data available

Note: These are the Reference Points for these Physical Properties listed above, unless otherwise noted in their respective Physical Property value information: Boiling Point at 760 mmHg; Evaporation Rate Butyl Acetate = 1; Relative Vapor Density Air = 1; and Relative Density Water = 1.

NOTE: The physical data presented above are typical values and should not be construed as a specification.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No data available
Chemical stability	:	Stable under recommended storage conditions. See Storage, Section 7.
Possibility of hazardous reactions	:	Will not occur by itself. Masses of more than one pound (0.5 kg) of product plus an

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- aliphatic amine will cause irreversible polymerization with considerable heat build-up.
- Conditions to avoid : Avoid temperatures above 300 °C
- Potentially violent decomposition can occur above 350 °C
- Generation of gas during decomposition can cause pressure in closed systems.
Pressure build-up can be rapid.
- Incompatible materials : Avoid contact with:
Acids.
Bases.
Avoid unintended contact with amines.
- Hazardous decomposition products : Decomposition products depend upon temperature, air supply and the presence of other materials.
Gases are released during decomposition.
Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide, and water.
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SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

- Acute oral toxicity : Remarks: Very low toxicity if swallowed.
Harmful effects not anticipated from swallowing small amounts.
- Remarks: As product:
Single dose oral LD50 has not been determined.
- LD50 (Rat): > 5,000 mg/kg
Method: Estimated.
Remarks: Based on information for component(s):
- Acute inhalation toxicity : Remarks: At room temperature, exposure to vapor is minimal due to low volatility; vapor from heated material may cause respiratory irritation.
- Remarks: As product:
The LC50 has not been determined.
- Acute dermal toxicity : Remarks: Prolonged skin contact is unlikely to result in absorption of harmful amounts.
- Remarks: As product:
The dermal LD50 has not been determined.
- LD50 (Rabbit): > 5,000 mg/kg
Method: Estimated.
Remarks: Based on information for component(s):
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Components:**Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

- Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Symptoms: No deaths occurred at this concentration.
Assessment: The substance or mixture has no acute oral toxicity
- Acute inhalation toxicity : Remarks: At room temperature, exposure to vapor is minimal due to low volatility; vapor from heated material may cause respiratory irritation.

Remarks: The LC50 has not been determined.
- Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Symptoms: No deaths occurred at this concentration.
Assessment: The substance or mixture has no acute dermal toxicity

Modified epoxy resin:

- Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: For similar material(s):
- Acute inhalation toxicity : Remarks: The LC50 has not been determined.
- Acute dermal toxicity : Remarks: The dermal LD50 has not been determined.

Skin corrosion/irritation**Product:**

- Remarks : Brief contact may cause slight skin irritation with local redness.

Components:**Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

- Result : No skin irritation
Remarks : Brief contact may cause slight skin irritation with local redness.

Modified epoxy resin:

- Remarks : Essentially nonirritating to skin.

Serious eye damage/eye irritation**Product:**

- Remarks : May cause slight temporary eye irritation.
Corneal injury is unlikely.

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Components:**Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

Result : No eye irritation
Remarks : May cause slight temporary eye irritation.
Corneal injury is unlikely.

Modified epoxy resin:

Remarks : May cause slight temporary eye irritation.
Corneal injury is unlikely.
Solid or dust may cause irritation or corneal injury due to mechanical action.

Respiratory or skin sensitization**Product:**

Assessment : The product is a skin sensitizer, sub-category 1B.
Remarks : Contains component(s) which have caused allergic skin sensitization in guinea pigs.

Remarks : For respiratory sensitization:
No relevant data found.

Components:**Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

Assessment : The product is a skin sensitizer, sub-category 1B.
Remarks : Has caused allergic skin reactions when tested in guinea pigs.

Remarks : For respiratory sensitization:
No relevant data found.

Modified epoxy resin:

Remarks : For skin sensitization:
No relevant data found.

Remarks : For respiratory sensitization:
No relevant data found.

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: Genetic toxicity studies in animals were negative for component(s) tested.

Components:**Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

Genotoxicity in vitro : Remarks: Animal genetic toxicity studies were negative.

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Modified epoxy resin:

Genotoxicity in vitro : Remarks: No relevant data found.

Carcinogenicity

Product:

Remarks : No relevant data found.

Components:

Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:

Remarks : No relevant data found.

Modified epoxy resin:

Remarks : No relevant data found.

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Product:

Effects on fertility : Remarks: No relevant data found.

Effects on fetal development : Remarks: No relevant data found.

Components:

Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:

Effects on fertility : Remarks: No relevant data found.

Effects on fetal development : Remarks: No relevant data found.

Modified epoxy resin:

Effects on fertility : Remarks: No relevant data found.

Effects on fetal development : Remarks: No relevant data found.

STOT-single exposure

Product:

Assessment : Evaluation of available data suggests that this material is not an STOT-SE toxicant.

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Components:

Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:

Assessment : Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Modified epoxy resin:

Assessment : Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Repeated dose toxicity

Product:

Remarks : No relevant data found.

Components:

Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:

Remarks : No relevant data found.

Modified epoxy resin:

Remarks : No relevant data found.

Aspiration toxicity

Product:

Based on available information, aspiration hazard could not be determined.

Components:

Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:

Based on physical properties, not likely to be an aspiration hazard.

Modified epoxy resin:

Based on physical properties, not likely to be an aspiration hazard.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:

Toxicity to fish : Remarks: Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested).

LC50 (Leuciscus idus (Golden orfe)): 5.7 mg/l
Exposure time: 96 h

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Method: OECD Test Guideline 203 or Equivalent

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.5 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202 or Equivalent

Modified epoxy resin:

Toxicity to fish : Remarks: No relevant data found.

Persistence and degradability**Components:****Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

Biodegradability : Result: Not biodegradable.
Remarks: Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

Biodegradation: 10 - 16 %
Exposure time: 28 d
Method: OECD Test Guideline 301B or Equivalent
Remarks: 10-day Window: Fail

Modified epoxy resin:

Biodegradability : Remarks: No relevant data found.

Bioaccumulative potential**Components:****Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

Partition coefficient: n-octanol/water : Remarks: No relevant data found.

Modified epoxy resin:

Partition coefficient: n-octanol/water :

Remarks: No relevant data found.

Mobility in soil**Components:****Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:**

Distribution among environmental compartments : Remarks: No data available.

Modified epoxy resin:

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Distribution among environmental compartments : Remarks: No relevant data found.

Other adverse effects

Components:

Reaction product of phenol-formaldehyde Novolac with epichlorohydrin:

Results of PBT and vPvB assessment : Remarks: No data available

Additional ecological information : No data available

Modified epoxy resin:

Results of PBT and vPvB assessment : This substance has not been assessed for persistence, bioaccumulation and toxicity (PBT).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL.
THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information.
All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
Regulations may vary in different locations.
Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.
DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.
FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Epoxy resin)
Class : 9
Subsidiary risk : ENVIRONM.

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Packing group : III
Labels : 9 (ENVIRONM.)

IATA-DGR

UN/ID No. : UN 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(Epoxy resin)

Class : 9
Packing group : III
Labels : Miscellaneous
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964

IMDG-Code

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(Epoxy resin)

Class : 9
Packing group : III
Labels : 9
EmS Code : F-A, S-F
Marine pollutant : yes
Remarks : Stowage category A

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

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 302 Extremely Hazardous Substances Threshold Planning Quantity

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

SARA 311/312 Hazards : Respiratory or skin sensitization

SARA 313 : 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.

US State Regulations

Pennsylvania Right To Know

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To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

California Prop. 65

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

International Regulations

Montreal Protocol : Not applicable
Rotterdam Convention (Prior Informed Consent) : Not applicable
Stockholm Convention (Persistent Organic Pollutants) : Not applicable

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

CH INV : All intentional components are listed on the inventory, are exempt, or are supplier certified.
DSL : All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.
AICS : not determined
NZIoC : All intentional components are listed on the inventory, are exempt, or are supplier certified.
ENCS : All intentional components are listed on the inventory, are exempt, or are supplier certified.
ISHL : All intentional components are listed on the inventory, are exempt, or are supplier certified.
KECI : not determined
PICCS : not determined
IECSC : The product contains an intentional component that is not on the inventory., The product contains an intentional component that is subject to a restriction. Production and/or use is limited by the conditions of the restriction., Additional information on this product may be obtained by calling your sales or customer service contact.
TCSI : All intentional components are listed on the inventory, are exempt, or are supplier certified.
TSCA : All substances listed as active on the TSCA Inventory or are not required to be listed.

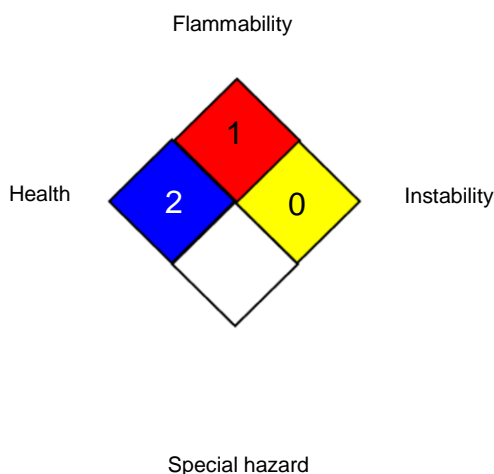
TSCA list

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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SECTION 16. OTHER INFORMATION**Further information****NFPA 704:****Full text of other abbreviations**

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_x - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL_x - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC_x - 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 concern-

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ing 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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