

Issue Date 8/9/2021

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Version 3.02

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Desolve

Other means of identification

Product Code 20041-12

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification:

Skin Corrosion	Catagory 1A
Serious Eye Damage	Category 1

GHS Label: This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Pictograms:



Signal Word:

DANGER

Hazard statements

H314: Causes severe skin burns and eye damage.

H333: May be harmful if inhaled..

Precautionary Statements - Prevention

P234: Keep only in original container.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

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

P273: Avoid release to the environment.

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

Precautionary Statements - Response

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

P310: Immediately call a POISON CENTER or doctor/physician.

2. HAZARDS IDENTIFICATION

Precautionary Statements - Storage

P405: Store locked up.

Precautionary Statements - Disposal

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	WEIGHT - %	CAS NO.
Sodium Hydroxide	< 65	1310-73-2

4. FIRST-AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

SKIN: Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. Call a POISON CENTER or doctor / physician. Remove and wash contaminated clothing before re-use.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

5. FIRE-FIGHTING MEASURES

FLAMMABLE CLASS: Product does not burn.

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SENSITIVE TO STATIC DISCHARGE: NA = Not Applicable

SENSITIVITY TO IMPACT: NA = Not Applicable

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: No action should be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate, put on appropriate personal protective equipment.

RELEASE NOTES: Take Steps to avoid release into the environment, if safe to do so.

SPECIAL PROTECTIVE EQUIPMENT: Avoid breathing vapors and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

7. HANDLING AND STORAGE

HANDLING: Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

STORAGE: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Control Parameters					
Chemical Name		Occupational exposure limit values			
		OSHA PEL		Supplier OEL	
		ppm	mg/m ³	ppm	mg/m ³
Distillates, Petroleum, Hydrotreated Heavy Paraffinic		TWA	2	NL	NL
		STEL		NL	NL

ENGINEERING CONTROLS: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist or dust. Recommended: splash goggles with the use of any liquid products.

SKIN: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist or dust. Recommended: splash goggles with the use of any liquid products.

RESPIRATORY: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist or dust. Recommended: splash goggles with the use of any liquid products.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material or any chemical should be equipped with an eyewash and safety shower. Always wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid / Beads
ODOR:	Fragranced
APPEARANCE:	Colored Pearls
pH:	13 to 14
FLASH POINT AND METHOD:	NA = Not Applicable
FLAMMABLE LIMITS:	NA = Not Applicable
AUTOIGNITION TEMPERATURE:	NA = Not Applicable
VAPOR PRESSURE:	Not Available
VAPOR DENSITY:	Not Available
BOILING POINT:	NA = Not Applicable
FREEZING POINT:	NA = Not Applicable
MELTING POINT:	318°C (604°F) lit
POUR POINT:	NA = Not Applicable
SOLUBILITY IN WATER:	Complete
EVAPORATION RATE:	Not Available
DENSITY:	Not Available
SPECIFIC GRAVITY:	Not Available

10. STABILITY AND REACTIVITY

STABLE:	Yes
HAZARDOUS POLYMERIZATION:	No
STABILITY:	Stable under recommended storage conditions.
POLYMERIZATION:	None
CONDITIONS TO AVOID:	Not Available
POSSIBILITY OF HAZARDOUS REACTIONS:	Not Available
HAZARDOUS DECOMPOSITION PRODUCTS:	Not Available
INCOMPATIBLE MATERIALS:	Strong oxidizing agents, Strong acids, Organic materials

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes serious eye irritation.

SKIN EFFECTS: Causes severe skin burns.

CHRONIC: Not Available

SUBCHRONIC: Not Available

CARCINOGENICITY

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

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

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

REPEATED DOSE EFFECTS: Not Available

SENSITIZATION: Will not occur.

NEUROTOXICITY: Not Available

GENETIC EFFECTS: Not Available

REPRODUCTIVE EFFECTS: Not Available

TARGET ORGANS: Not Available

MUTAGENICITY: Not Available

SYNERGISTIC MATERIALS: Not Available

12. ECOLOGICAL INFORMATION

GENERAL COMMENTS: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

EMPTY CONTAINER: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Solids, N.O.S.

TECHNICAL NAME: (Contains: Sodium Hydroxide)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1759

PACKING GROUP: II

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 1000 lbs

LABEL: Corrosive

OTHER SHIPPING INFORMATION: All products offered for domestic ground transportation that meet the following exceptions for Class 8 (Corrosive Materials) will be packaged and shipped as "Limited Qty".

(1) For Corrosive Materials in Packing Group II, inner packaging not over 1.0 L (0.3 Gallon) net capacity each for liquids or not over 1.0 kg (2.2 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For Corrosive Materials in Packing Group III, inner packaging not over 5.0 L (1.3 Gallons) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

15. REGULATORY INFORMATION

UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute Health Hazard

FIRE: No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes. **CHRONIC:** No.

313 REPORTABLE INGREDIENTS: 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.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Sodium Hydroxide	< 65	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

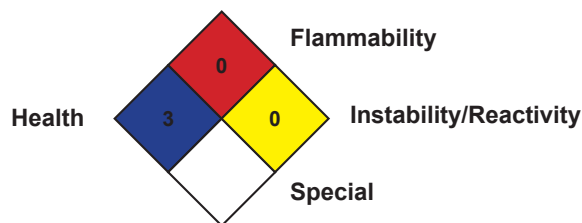
Chemical Name	CERCLA RQ
Sodium Hydroxide	1310-73-2

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any reproductive harm.

CLEAN WATER ACT: Sodium Hydroxide

16. OTHER INFORMATION

Health	3
Flammability	0
Physical Hazards	0
Personal Protection	C



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