

THIS APPLIES TO UNDILUTED MATERIAL ONLY!



Safety Data Sheet

NO SCALE₂₂₇

SDS Revision Date: 08/03/2020

1. Product and Company Name

1.1. Product identifier

Product Identity

NO SCALE₂₂₇

Alternate Names

NA

ID NO: 227.20

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

See Product Label

Application Method

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

Hydrus Detergents
2621 7th Avenue South
Estherville, IA. 51334

Emergency

1.4 Medical and Emergency Spill Information

**FOR EMERGENCY SPILL, LEAK, FIRE,
EXPOSURE
CALL 24/7**

CHEMTREC: (800) 424-9300
Outside U.S. (703) 527-3887

Customer Service: Hydrus Detergents

PHONE: (712) 765-1060
FAX: (712) 765-1062

2. Hazard identification of the product

2.1. Classification of the substance or mixture: No applicable GHS categories.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

[Prevention]: No GHS prevention statements.

[Response]: No GHS response statements.

[Storage]: No GHS storage statements.

[Disposal]: No GHS statements.

3. Composition/information on ingredients

There are no ingredients in this product which are classified as hazardous.

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Inhalation

NA

Eyes

Allow streaming water to flow over the face while blinking both eyes for 15 minutes for optimum irrigation. Get medical attention.

Skin

Wash off with water.

Ingestion

Do not induce vomiting. Give water or milk of Magnesia. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Overview

IMMEDIATE CONCERNS: CAUTION: May cause eye irritation.

POTENTIAL SIDE AFFECTS

EYES: Could cause eye irritation if not treated immediately.

SKIN: NA

INGESTION: May be an irritant.

INHALATION: Avoid dust, may be an irritant.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation

SKIN: NA
INGESTION: Can cause irritation to the stomach.
INHALATION: Avoid dust, can be an irritant.
ACUTE TOXICITY: Irritation.
See section 2 for further details.

5. Fire-fighting measures

5.1. Extinguishing media: Water, carbon dioxide, foam, dry chemical.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

Respiratory and eye protection are required for firefighting personnel. Full protective equipment and self-contained breathing apparatus should be used for all indoor fires and any significant outdoor fires.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Put on appropriate personal protective equipment (Section 8)

6.2. Environmental precautions

WATER SPILL: Use appropriate containment to avoid runoff.

LAND SPILL: Use appropriate containment to avoid runoff.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

SMALL SPILL: Contain spill, sweep up material and flush residual to drain.

LARGE SPILL: Contain spill, sweep up material and flush residual to drain.

RELEASE NOTES: If spill could potentially enter any waterway, including intermittent dry creeks, contact the local authorities. If in the US, contact the US Coast Guard National Response Center toll free at 800-424-8802.

7. Handling and storage

7.1. Precautions for safe handling

Handle and use in a manner consistent with good industrial and/or manufacturing techniques and practices.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Store in a cool dry area. Keep container closed when not in use.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s): Detergent to attack scale and scale build-up.

8. Exposure controls and personal protection

8.1. Control parameters

There are no ingredients in this product which are classified as hazardous.

8.2. Exposure controls

Respiratory

NA

Eyes

Safety glasses

Skin

NA

Engineering Controls

Provide adequate ventilation.

Other Work Practices

Facilities storing or using this material should be equipped with an eyewash facility and a safety shower. Good personal hygiene practices should always be followed.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance

White solid

Odor

None

Odor threshold

Not Measured

pH

6-7 (5% solution)

Melting point / freezing point

NA

Initial boiling point and boiling range	NA
Flash Point	None
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	NA
Vapor Density	(Air=1) 1.2
Specific Gravity	3
Solubility in Water	Soluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	NA
Decomposition temperature	Not Measured
Viscosity (cSt)	NA

9.2. Other information: No other relevant information.

10. Stability and reactivity

- 10.1. **Reactivity:** Hazardous Polymerization will not occur.
 10.2. **Chemical stability:** Stable under normal ambient conditions of temperature and pressure.
 10.3. **Possibility of hazardous reactions:** No data available.
 10.4. **Conditions to avoid:** No data available.
 10.5. **Incompatible materials:** No data available.
 10.6. **Hazardous decomposition products:** NA

11. Toxicological information

Acute toxicity

There are no ingredients in this product which are classified as hazardous.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

There are no ingredients in this product which are classified as hazardous.

- 12.2. **Persistence and degradability:** There is no data available on the preparation itself.
 12.3. **Bioaccumulative potential:** Not Measured
 12.4. **Mobility in soil:** No data available.
 12.5. **Results of PBT and vPvB assessment:** This product contains no PBT/vPvB chemicals.
 12.6. **Other adverse effects:** No data available.

13. Disposal considerations

13.1. **Waste treatment methods:** Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable DOT Label: ---	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards	IMDG	Marine Pollutant: No	
14.6. Special precautions for user		No further information	

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	Not Regulated
US EPA Tier II Hazards	Not Regulated
	Fire: No
	Sudden Release of Pressure: No
	Reactive: No
	Immediate (Acute): No
	Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs: (No Product Ingredients Listed)

EPCRA 302 Extremely Hazardous: (No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals: (No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0%): (No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%): (No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%): (No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%): (No Product Ingredients Listed)

N.J. RTK Substances (>1%): (No Product Ingredients Listed)

Penn RTK Substances (>1%): (No Product Ingredients Listed)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

We believe this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act. We believe the information contained on this Safety Data Sheet is current and offered in good faith. The information is provided for your guidance only. Hydrus Detergents makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. It is the user's obligation to determine the suitability of this product for a specific purpose and the conditions for safe use of the product. We reserve the right to revise this Safety Data Sheet as newer information becomes available. Hydrus Detergents makes no warranty of any kind.

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