

# SAFETY DATA SHEET

## Section 1. Identification

**Product name :** WD-24

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses :** Industrial defoaming agent  
**Creation date :** 05/20/2015  
**Print date :** 05/20/2015  
**Version :** 1.0  
**Supplier's details :** Deep South Chemical, Inc. 229 Millstone Road, Broussard LA 70518  
For Product Information/MSDSs Call: 337-837-9931  
**Emergency telephone number (with hours of operation) :** CHEMTREC 800-424-9300 (U.S. 24 hour)  
(001)281-276-5400  
CANUTEC 613-996-6666 (Canada 24 hours)  
CHEMTREC Int'l 01-703-527-3887 (International 24 hour)

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

### 2.2 GHS label elements

**Hazard pictograms :**



**Signal Word :** Warning

### Hazard statements

H303 May be harmful if swallowed  
H315 Causes skin irritation  
H320 Causes eye irritation  
H335 May cause respiratory irritation

### Precautionary statements

**[Prevention]:** Wash thoroughly after handling. Wear protective gloves / eye protection / face protection.

**[Storage]:** Store in a well ventilated place. Keep container tightly closed. Store locked up.

**[Response]:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Wash contaminated clothing before reuse.

**[Disposal]:** Dispose of contents / container in accordance with local / national regulations.

### Classification system

**NFPA ratings:** Health (2)      Fire (0)      Reactivity (0)      Special ()  
**HMIS ratings:** Health (2)      Fire (0)      Reactivity (0)      PPE (G)

**Hazards not otherwise classified** : No additional information.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	%	CAS number
Pentaerythritol distearate	1-5	13081-97-5
2-Octyl-1-dodecanol	1-5	5333-42-6

## Section 4. First aid measures

### 4.1 Description of necessary first aid measures

<b>Eye contact</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes. Check for and remove any contact lenses. Immediately call a Poison Center or doctor/physician..
<b>Inhalation</b>	If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.
<b>Skin contact</b>	Immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.
<b>Ingestion</b>	If conscious, give several glasses of water but do not induce vomiting. If vomiting occurs, give additional fluids. Danger of aspiration.

### 4.2 Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Symptoms/injuries</b>	Causes eye, skin, inhalation irritation.
<b>Eye contact</b>	Causes eye irritation.
<b>Inhalation</b>	Causes respiratory tract irritation.
<b>Skin contact</b>	Causes skin irritation.
<b>Ingestion</b>	May cause stomach irritation, pain and nausea. Small amounts of the liquid aspirated into the respiratory tract during ingestion or vomiting may cause damage to the lungs.

**Chronic symptoms** May cause an allergic skin reaction.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No additional information available

## Section 5. Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	AFFF alcohol compatible foam, carbon dioxide, dry chemical, water spray or fog.
<b>Unsuitable extinguishing media</b>	No unsuitable extinguishing media known.

### 5.2 Specific hazards arising from the chemical

<b>Fire Hazard</b>	Decomposition products may include various hydrocarbon fragments, carbon dioxide, formaldehyde, carbon monoxide, silicon dioxide.
<b>Explosion Hazard</b>	This material does not present an explosion hazard.

### 5.3 Advice for firefighters

<b>Precautionary measures</b>	Keep upwind. Consider evacuation. Have neighborhood close doors and windows.
<b>Firefighting instructions</b>	Cool tanks/drums with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.
<b>Special protective equipment for fire-fighters</b>	Full turn out gear and SCBA should be worn when fighting large fires.

## **Section 6. Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Indicate risk of slipping.

**For emergency responders** Equip cleanup crew with proper protection. Ventilate area.

### 6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and materials for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: absorb with a liquid binding material such as diatomaceous earth and dispose of. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using detergent/soap solution or another biodegradable cleaner.

## **Section 7. Handling and storage**

### 7.1 Precautions for safe handling

**Protective measures** Keep container tightly closed when not in use. Ensure good ventilation/exhaustion at the workplace. Spilled substance increases risk of slipping.

**Advice on general occupational hygiene** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2 Conditions for safe storage, including incompatibilities

Comply with applicable regulations. Do not store at temperatures below 32°F or above 89°F.

## **Section 8. Exposure controls/personal protection**

### 8.1 Control parameters

**Appropriate engineering controls** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### 8.2 Exposure controls

<b>Eye/face protection</b>	Safety glasses with side shields. Additional eye and face protection, splash-proof goggles, hood, full face respirator, or face shield is recommended if splashing could occur.
<b>Hand protection</b>	Butyl rubber protective gloves.
<b>Skin protection</b>	SARANEX coated Tyvek apron, over-sleeves, lab coat, coveralls, or protective suit should be worn if splashing could occur.
<b>Respiratory protection</b>	Only necessary if long term or high level exposures are likely to occur. A NIOSH approved air purifying respirator equipped with universal multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur.

## Section 9. Physical and chemical properties

Physical state	: Liquid
Color	: White
Odor	: characteristic
pH	: Not determined
Melting/freezing point	: Not determined
Boiling point	: 212 °F
Flash point	: Not applicable
Evaporation rate	: No data available (butyl acetate = 1)
Flammability	: No data available
Lower and upper explosive limits	: Not applicable
Vapor pressure	: 22.664740 hPa
Vapor density	: No data available
Relative density	: 0.991
Density	: 8.26 lbs/gal
Solubility in water	: completely miscible
Partition coefficient n-octanol/water	: No data available
Auto-ignition temp.	: No data available
Decomposition temp.	: Not determined
Viscosity	: Not determined
Percent Volatiles	: 83%
VOC	: 3.76 g/L
Corrosive to steel or Al	: not corrosive to steel or aluminium.

## Section 10. Stability and reactivity

### [10.1 Reactivity](#)

No specific test data related to reactivity available for this product.

### [10.2 Chemical stability](#)

Stable under normal conditions.

### [10.3 Possibility of hazardous reactions](#)

Under normal conditions of storage and use, hazardous reactions will not occur.

### [10.4 Conditions to avoid](#)

None known.

### [10.5 Incompatible materials](#)

None known.

### [10.6 Hazardous decomposition products](#)

Under normal conditions of storage and use, hazardous decomposition products will not be produced.

The following applies for the silicone content of the substance: measurements have shown the formation of small amounts of formaldehyde at temperatures above 302°F through oxidation.

## Section 11. Toxicological Information

**Information on toxicological effects****Toxicological Data:****Acute Toxicity**

For this endpoint no toxicological test data is available for the whole product.

**Irritation/Corrosion**

For this endpoint no toxicological test data is available for the whole product.

**Sensitization**

For this endpoint no toxicological test data is available for the whole product.

**Mutagenicity**

For this endpoint no toxicological test data is available for the whole product.

**Reproductive toxicity**

For this endpoint no toxicological test data is available for the whole product.

**Teratogenicity**

For this endpoint no toxicological test data is available for the whole product.

**Potential chronic health effects**

For this endpoint no toxicological test data is available for the whole product.

**Section 12. Ecological information****Toxicity**

For the product as a whole, no test data is available.

**Persistence and degradability**

Silicone content: biologically not degradable. Elimination by adsorption to activated sludge.

BOD5 Value: 83.2 mg O<sub>2</sub>/g Substance

COD Value: 476 mg O<sub>2</sub>/g Substance

**Bioaccumulative potential**

Bioaccumulation is not expected to occur.

**Mobility in soil**

No adverse effects expected.

**Section 13. Disposal considerations****Disposal methods**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Section 14. Transport information****DOT Transport Information: Not regulated**

Temperature sensitive material. Protect from freezing.

## Section 15. Regulatory information

**Toxic Substances Control Act (TCSA):** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**CERCLA RQ-40 CFR 302.4(a)**

Component

None

CERCLA RQ (lbs)

**SARA 302 Components-40 CFR 355 Appendix A**

Component

None

TPQ(Threshold Planning Quantity) (lbs)

**Section 311/312 Hazard Class-40 CFR 370.2**

**Immediate (X)**

**Delayed ( )**

**Fire ( )**

**Reactive ( )**

**Sudden Release of Pressure ( )**

**SARA 313-40 CFR 372.65**

Component

None

CAS Number

%(by weight)

## Section 16. Other information

WE CANNOT ANTICIPATE ALL CONDITIONS UNDER WHICH THIS INFORMATION AND OUR PRODUCTS, OR THE PRODUCTS OF OTHER MANUFACTURERS IN COMBINATION WITH OUR PRODUCTS MAY BE USED. WE ACCEPT NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION OR THE SAFETY AND SUITABILITY OF OUR PRODUCTS, EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY AND SUITABILITY OF EACH PRODUCT OR PRODUCT COMBINATION FOR THEIR OWN PURPOSES. UNLESS OTHERWISE OBTAINED IN WRITING, WE SELL THE PRODUCTS WITHOUT WARRANTY, AND BUYERS AND USERS ASSUME ALL RESPONSIBILITY AND LIABILITY FOR LOSS OR DAMAGE ARISING FROM HANDLING AND USE OF OUR PRODUCTS, WHETHER USED ALONE OR IN COMBINATION WITH OTHER PRODUCTS.