

# **SAFETY DATA SHEETS**

# TOOLBOX TALK SERIES – CHEMICAL SAFETY

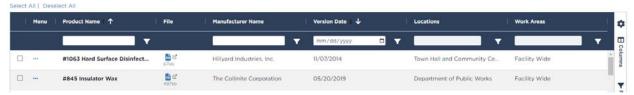
#### June 2022

Safety Data Sheets provide employees and first responders with valuable information on chemical substances. Knowing how to find and read Safety Data Sheets is an essential skill in the workplace.

### **How to Find a Safety Data Sheet**

About two years ago, the Town of Perinton switched from a paper to digital Safety Data Sheet Management System. Numerous posters with QR codes are throughout our facilities. You can also go to Perinton.org -> Department -> Safety and Security -> Right to Know to access the system.

# SDS Employee Access Welcome to the Town of Perinton Online SDS Database. If you have a product that is not in the database or additional questions, please contact John Overacker in Safety and Security at 585-223-0770 ext. 182 . Hard copies available upon request.



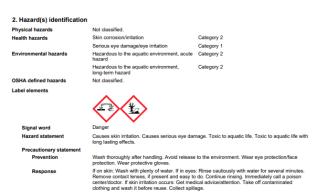
#### **Reading a Safety Data Sheet**



Section 2 – Hazard Identification
This section provides information on the hazard classifications of the substance.
This includes physical, health and environmental hazards. Labeling requirements and statements are also provided.

### Section 1 – Identification

Provides the name and recommended use of the chemical. Also provides information on the Manufacturer including both their emergency telephone number and their business number.





# **Town of Perinton Safety and Security** 1350 Turk Hill Road, Fairport, NY 14450

## Section 3 - Composition

Provides information on the chemical composition of the substance. This section will typically include compounds that make up the substance. In the case of proprietary substances, this could be truncated or empty.

#### 3. Composition/information on ingredients

Chemical name	Common name and synonyms	CAS number	%
Alkyl dimethyl benzyl ammonium chloride (C12-16)		68424-85-1	2.170%
Octyl decyl dimethyl ammonium chloride		32426-11-2	1.627%
Didecyl dimethyl ammonium chloride		7173-51-5	0.814%
Dioctyl dimethyl ammonium chloride		5538-94-3	0.814%
Other components below reportable	e levels		94.57622008

Inhalation Skin contact

Remove contaminated clothing. Wash with plenty of soar and water. If skin irritation occurs: Gen medical advice/latention. Wash contaminated clothing before reuse. Immediately fash eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Rinse mouth thoroughly. Drink water as a precaution. Never give anything by mouth to a victim who is unconscious or is having convulsions. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause red and pain. Causes severe irritation and/or burns. n of immediate

Provide general supportive measures and treat symptomatically. Keep victim under ob Symptoms may be delayed.

Inceded

Ensure that medical personnel are aware of the material(s) involved, and take precautions to

### Section 4 - First Aid Measures

This section provides first aid measures based on body part if there is an exposure. Typically all routes of entry are addressed in this section.

Section 5 – Firefighting Measures This section provides information on how to deal with the substance in the event of fire. This section will provide information on special suppression media if needed as well as needed firefighting equipment.

#### 5. Fire-fighting measures

Unsuitable extinguishing

Specific hazards arising from During fire, gases hazardous to health may be formed. the chemical Fire fighting equipment/instructions

Specific methods General fire hazards

Suitable extinguishing media Water fog. Foam. Dry chemical powder, Carbon dioxide (CO2) Do not use water jet as an extinguisher, as this will spread the fire

Special protective equipment Self-contained breathing apparatus and full protective clothing must be worn in case of fire and precautions for fireflighters

Use standard firefighting procedures and consider the hazards of other involved materials

#### 6. Accidental release measures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not fouch damaged contail or spilled material unless wearing appropriate protective clothing. Ensure adequate verification Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

aterial name: RE-JUV-NAL IL00166 Version #: 05 Revision date: 01-11-2022 Issue date: 03-11-2015

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Section 6 – Accidental Release Measures

This section provides information on how to respond to a spill. It will include information on needed cleanup PPE and equipment. It will also typically provide cleanup instructions based on size of spill.

Section 7 – Safe Handling and Storage This section will provide the reader with information on how to safely handle and store the substance.

7. Handling and storage Precautions for safe handling

Do not get this material in contact with eyes. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. PESTICIDE STORAGE – Store in original container in a cool (temperatu higher than 120°F), dry and locked storage area inaccessible to children.



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#### 8. Exposure controls/personal protection

No biological exposure limits noted for the ingredient(s).

individual protection measures, such as personal protective equipment

Everface protection Avoid contact with eyes. Chemical safety goggles when working with concentrate.

None normally required. If unable to avoid prolonged or repeated contact with skin, wear impervious clothing. supervious corning.

Not normally required with adequate ventilation. If engineering controls do not maintain a concentrations below recommended exposure limits (where applicable) or to an acceptal (in countries where exposure limits have not been established), an approved respirator n

# Section 8 – Exposure Controls / Personal Protection

This section provides information on necessary measures to prevent exposure. This typically includes the OSHA occupational limits. Additionally, it will provide the necessary PPE to protect a worker. Eye/Face Protection, Hand Protection, Skin Protection and respiratory are all addressed.

# Section 9 – Chemical Physical Properties

This section provides the physical properties of the substance. Typically this will include appearances, odor, pH, odors, melting points, boiling points, flash points, etc.

#### 9. Physical and chemical properties

Appearance Clear, red liquid Liquid. Physical state Form Liquid. Color Red Odor Floral fragrance Odor threshold Not available 6 - 7 Concentrate Not applicable / Not availa Melting point/freezing point

Initial boiling point and boiling 201 °F (93.89 °C)

> 200.0 °F (> 93.3 °C) Tag Closed Cup

#### 10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity Chemical stability Material is stable under normal conditions

Possibility of hazardous No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials

Hazardous decomposition No hazardous decomposition products are known Section 10 – Stability and Reactivity This section provides information on incompatible chemicals and situations to avoid with this substance.

# Section 11 – Toxicological Information

This section provides information on what happens to parts of the body when exposed to this chemical. It also provides lists of symptoms of exposure.

# 11. Toxicological information

Causes skin irritation

Acute toxicity

332100 mg/kg

#### 12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.			
Product		Species	Test Results
RE-JUV-NAL			
Aquatic			
Crustacea	EC50	Daphnia	126.6858, 48 hours
Fish	LC50	Fish	58.9702, 96 hours
Acute			
Crustacea	EC50	Daphnia	49.903, 48 hours estimated
Fish	LC50	Fish	0.0061, 96 hours estimated
Components		Species	Test Results
Alkyl dimethyl benzyl ammo	nium chloride (C1	12-16) (CAS 68424-85-1)	
Aquatic			
Acute			
Fish	LC50	Striped bass (Morone saxatilis)	>= 10.4 - <= 19.1 mg/l, 96 hours
Didecyl dimethyl ammonium	chloride (CAS 7	173-51-5)	
Aquatic			
Acute			
Fish	LC50	White sturgeon (Acipenser transmontanus)	>= 0.0001 - <= 0.001 mg/l, 96 hours
Persistence and degradability	No data is av	ailable on the degradability of this product.	

Section 12 – Ecological Information

This section provides information on how the environment will react to a release of this substance. Usually it will show if it is toxic to animals and how it will react in soil.



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Section 13 – Disposal Considerations This section provides information on how to safety dispose of waste product as well as packaging.

#### 13. Disposal considerations

Disposal instructions

PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environment. Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for quistence.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

#### 14. Transport information

DOT

Not regulated as dangerous goods.

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Annex II of MARPOL 73/78 and the IBC Code

Not established. Transport in bulk according to

Section 14 – Transport Information

This section provides regulatory information on how to transport this product in commerce.

Section 15 - Regulatory Information This section provides information on what regulations apply to this product. Typically these will be Federal standards.

#### 15. Regulatory information

This product is a "Hazardous Chemical" as defined by the OSHA Ha Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List or Exempt us Chemical" as defined by the OSHA Hazard Con

Toxic Substances Control Act (TSCA)

One or more components of the mixture are not on the TSCA 8(b) inventory or are designated "inactive".

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed. SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

#### 16. Other information, including date of preparation or last revision

Issue date 03-11-2015 01-11-2022 Revision date Version # 05 HMIS® ratings Health: 3

Disclaimer

No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product(s) or information contained in this material safety data sheet. The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 20 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate. The buyer or user assumes all risks associated with the use, misuse or disposal of this product. The buyer or user is responsible to comply with all federal, state or local regulations concerning the use, misuse or

disposal of these products.

Section 16 – Other Information This section provides any additional information not covered in the sections above. This includes the issue and revision dates. In this case they also included the HMIS Ratings for health, flammability and physical hazards.