

### SAFETY DATA SHEET

Version 1.0  
Effective Date:05/15/15

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Efflorescence Treatment

Description: Treatment for efflorescence  
Product Code: Efflorescence Treatment  
Suggested Use: Treating efflorescence  
Restrictions on Use: N/A

Supplier: Aldon Corporation  
P.O. Box 1030  
Whitefish, MT 59937  
Telephone: 1-352-323-3500

Emergency Phone: 1-800-535-5053

#### 2. HAZARDS IDENTIFICATION

##### Classification

GHS Classification: Flammable Liquids (Category 4)  
Aspiration Hazard (Category 1)  
STOT-SE Narcotic Effects (Category 3)

##### GHS Label Elements

Pictogram:



Signal Word: Danger

Hazard Statements: H227: Combustible liquid  
H304: May be fatal if swallowed and enters airways  
H336: May cause drowsiness or dizziness

Precautionary Statements: P210: Keep away from heat/sparks/open flames/hot surfaces. – No Smoking.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264: Wash hands thoroughly after handling.  
P271: Use only outdoors or in well-ventilated area.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310+P331: IF SWALLOWED: Immediately call a doctor/physician. Do NOT induce vomiting.  
P304+P340+P312: IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position. Call a poison center or doctor/physician victim feels unwell.  
P332+P313: IF SKIN irritation occurs: Get medical attention/advice.  
P403+P235+P405: Store in a well-ventilated place. Keep cool. Store locked up.

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P501: Dispose of contents/containers to approved disposal facility.

HMIS Classification: Health Hazard: 1  
Flammability: 2  
Physical Hazards: 0

NFPA Rating: Health Hazard: 1  
Fire: 2  
Reactivity Hazard: 0

#### Potential Health Effects

Inhalation: Inhalation may cause respiratory tract irritation or central nervous system depression.  
Skin: Can cause irritation and drying of skin.  
Eyes: Contact can cause eye irritation. Avoid contact.  
Ingestion: May be harmful if swallowed. Aspiration in the lungs may occur during ingestion or vomiting, causing lung damage or chemical pneumonia.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Concentration</u>
Petroleum Distillates, Hydrotreated Light	64742-47-8	40-50%
Petroleum Hydrocarbon Oil	64742 -52-5	40-50%
Other constituents withheld as trade secret		1-3%

### 4. FIRST AID MEASURES

If Inhaled: If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced.  
Skin Contact: Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.  
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. If there is any discomfort, consult a physician.  
If Ingested: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a poison center or physician. Aspiration hazard if swallowed.

### 5. FIREFIGHTING MEASURES

Flammability Overview: Combustible liquid.  
Flash Point: 65°C (149°F)  
Extinguishing Media: Use water-spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Do not use water jet. Tailor extinguishing media to surrounding fire.  
Special Protective Equipment for Firefighters: Wear a self-contained breathing apparatus (SCBA) and full bunker gear for fighting large fires.

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**Special Hazards:** In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

**Hazardous Combustion Products:** Carbon Oxides

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protective equipment. Avoid breathing vapors, mist, or gas. Always ensure adequate ventilation. No action should be taken involving any personal risk or without suitable training. Evacuate unnecessary and unprotected personnel to safe areas away from the spill.

**Environmental Precautions:** If safe to do so, avoid the dispersal of spilled material and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution. Product may be harmful to the environment. Collect spillage.

**Containment and Clean Up:** If safe to do so, stop the leak or spill and move containers away from the spill area. Prevent entry into sewers, waterways, and confined areas. Contain and collect spilled material with non-combustible, absorbent material. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same physical hazards as the product. If assistance is needed call CHEMTREC or emergency services.

#### 7. HANDLING AND STORAGE

**Safe Handling:** Use personal protective equipment. Avoid static electricity discharge. Keep away from heat/sparks/open flame/hot surfaces. Avoid breathing vapors, mist, or gas. Always ensure adequate ventilation. No smoking, eating, or drinking when using this product. Handle in a manner consistent with good industrial hygiene practices.

**Safe Storage:** Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials and operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere. Use appropriate containment to avoid environmental contamination.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Exposure Limits

Component	CAS Number	Exposure Limit	Basis
Petroleum Distillates, Hydrotreated Light	64742-47-8	200 mg/m <sup>3</sup>	ACGIH Threshold Value TLV (TWA) As total hydrocarbon vapor (8 hrs)

##### Personal Protective Equipment

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Eye Protection:	Tightly fitting safety goggles or safety glasses should be sufficient. Have eye-wash stations available where eye contact can occur.
Hand Protection:	Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves. Wash and dry hands after use.
Skin Protection:	Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in the areas where skin contact can occur.
Respiratory Protection:	Always ensure adequate ventilation. Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full-face respirator with appropriate cartridges. Respiratory protection may be needed for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.
General Controls:	Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear
Odor:	Mild Hydrocarbon
Odor Threshold:	N/A
pH:	N/A
Melting/Freezing Point:	-49°C (-56°F)
Boiling Point:	190-210°C (374-410°F)
Flash Point:	65°C (149°F)
Evaporation Rate:	0.03 (butyl acetate=1)
Flammability (solid, gas):	N/A
Flammability/Explosion Limits:	0.6-5.5 % vol
Vapor Pressure @ 20°C:	0.54 mmHg
Vapor Density:	4.5 (air=1)
Specific Gravity:	0.783
Density:	6.52 lbs/gal
Solubility in Water:	Insoluble
Partition Coefficient:	N/A
Auto-ignition Temperature:	>220°C (428°F)
Decomposition Temperature:	N/A
Viscosity:	<25 cPs

#### 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions and Materials to Avoid:	Excessive heat and ignition sources. Strong oxidizing agents. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

Hazardous Decomposition Products:

In fire conditions: Carbon Oxides.

#### 11. TOXICOLOGICAL INFORMATION

##### Acute Toxicity

Component	CAS Number	Test	Toxicity
Petroleum Distillates, Hydrotreated Light	64742-47-8	Oral LD50 (Rat)	> 5000 mg/kg
		Dermal LD50 (Rabbit)	> 2000 mg/kg
		Inhalation LD50	No specific data

##### Potential Health Effects

Inhalation:	Inhalation may cause respiratory tract irritation or central nervous system depression.
Skin:	Can cause irritation and drying of skin.
Eyes:	Contact can cause eye irritation. Avoid contact.
Ingestion:	May be harmful if swallowed. Aspiration in the lungs may occur during ingestion or vomiting, causing lung damage or chemical pneumonia.
Signs and Symptoms of Exposure:	Irritation. Watery Eyes. Redness. Nausea. Vomiting. Headache. Drowsiness/Fatigue. Dizziness/Vertigo. Unconsciousness. Aspiration.
Chronic Effects of Long-term Exposure:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.

#### 12. ECOLOGICAL INFORMATION

##### Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
N/A	N/A	N/A	No specific data available

##### Ecological Effects

Persistence and Degradability:	Expected to be biodegradable.
Bioaccumulation Potential:	No specific data available.
Mobility in Soil:	No specific data available.
Other Adverse Effects:	This product may be harmful to the environment and aquatic organisms if released in large quantities. Avoid release into sewers, drains, and other waterways. Inform the relevant authorities if the product has caused environmental pollution. Collect spillage.

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#### 13. DISPOSAL CONSIDERATIONS

Disposal:	The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and other waterways.
Contaminated Packaging:	Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

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#### 14. TRANSPORT INFORMATION

##### DOT Information

Proper Shipping Name:	N/A
UN Number:	N/A
Hazard Class:	N/A
Packing Group:	N/A

Reportable Quantity (RQ): N/A

Marine Pollutant: No

Note: This product is not regulated as a hazardous material for ground transportation. Testing by the manufacturer has shown that this product does not sustain combustion. Shipping by air or sea may be regulated as a combustible/flammable liquid.

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#### 15. REGULATORY INFORMATION

##### US Federal

SARA 302 Components:	None Listed
SARA 311/312 Hazards:	Acute Health Hazard Fire Hazard
SARA 313 Components:	None Listed

TSCA Inventory: All components listed or exempted.

##### European Union

EC Inventory: All components listed or exempted.

##### State Regulations

CA Prop 65: This product does not contain any known hazardous materials above the safe harbor limits.

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#### 16. OTHER INFORMATION

SDS Version:	1.0
Revision Date:	06/05/2015
Supersedes:	New to GHS

The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. Aldon Corporation shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.

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