



# SAFETY DATA SHEET

## MOR-SHINE 5

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Version 2

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Name** MOR-SHINE 5

**Other means of identification**

**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Industrial.

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address**

OMNOVA Solutions Inc.  
25435 Harvard Road  
Beachwood, OH 44122-6201  
Telephone: +1 216-682-7000

**E-mail address**

SDS@OMNOVA.com

**Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300 Chemtrec international: +1 703 527 3887

### 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Label elements**

**Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** milky white

**Physical state** liquid

**Odor** mild Pleasant

**Hazards not otherwise classified (HNOC)**

Not Applicable

Unknown Acute Toxicity

0.2% of the substance or mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

#### 4. FIRST AID MEASURES

##### First aid measures

##### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

##### Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.

##### Inhalation

Remove to fresh air. If symptoms persist, call a physician.

##### Ingestion

Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.

##### Self-protection of the first aider

Use personal protective equipment as required.

##### Most important symptoms and effects, both acute and delayed

##### Symptoms

No information available.

##### Indication of any immediate medical attention and special treatment needed

##### Note to physicians

Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Dry chemical, CO2 or water spray.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

##### Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

##### Protective equipment and precautions for firefighters

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

#### 6. ACCIDENTAL RELEASE MEASURES

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

##### Personal precautions

Use personal protective equipment as required. Avoid contact with eyes and skin.

##### Environmental precautions

##### Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

##### Methods and material for containment and cleaning up

##### Methods for containment

Prevent further leakage or spillage if safe to do so.

##### Methods for cleaning up

Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	liquid	<b>Odor threshold</b>	No information available
<b>Appearance</b>	milky white	<b>Odor</b>	mild Pleasant
<b>Color</b>	No information available		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	8	
<b>Melting point/freezing point</b>		No information available
<b>Boiling point / boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	100 °C / 212 °F	
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>		No information available
<b>Lower flammability limit:</b>		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Water solubility</b>	Miscible in water	

<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b><u>Other Information</u></b>	
<b>Explosion severity</b>	
<b>Danger of Explosion, cloud</b>	No information available
<b>Minimum Ignition Energy, Cloud, mJ</b>	No information available
<b>KST, (cloud), bar.m.s-1</b>	No information available
<b>Pmax maximum explosion pressure, Cloud, bar</b>	No information available
<b>VMP, (cloud), bar.s-1</b>	No information available
<b>LOC Limiting Oxygen Concentration, Cloud, %v/v O2</b>	No information available
<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available
<b>Specific Gravity</b>	1.05
<b>Granulometry</b>	No information available
<b>Moisture content</b>	No information available

## 10. STABILITY AND REACTIVITY

### **Reactivity**

No data available

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None under normal processing.

### **Conditions to avoid**

Extremes of temperature and direct sunlight.

### **Incompatible materials**

None known based on information supplied.

### **Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

<b>Product Information</b>	No acute toxicity information is available for this product
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization**

**Germ cell mutagenicity** No information or data specific to the product on this toxicological (health) effect is available.

**Carcinogenicity** No information or data specific to the product on this toxicological (health) effect is available.

**Reproductive toxicity** No information or data specific to the product on this toxicological (health) effect is available.

**STOT - single exposure** No information or data specific to the product on this toxicological (health) effect is available.

**STOT - repeated exposure** No information or data specific to the product on this toxicological (health) effect is available.

**Chronic toxicity** Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

**Aspiration hazard** No information or data specific to the product on this toxicological (health) effect is available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity****Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

<b>AICS</b>	Yes
<b>DSL</b>	Yes
<b>NDSL</b>	No
<b>IECSC</b>	Yes
<b>EINECS</b>	No
<b>ELINCS</b>	No
<b>ENCS</b>	No
<b>KECL</b>	Yes
<b>PICCS</b>	Yes
<b>TSCA</b>	Yes
<b>NZIoC</b>	Yes

**Legend:**

**AICS** - Australian Inventory of Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**IECSC** - China Inventory of Existing Chemical Substances

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**NZIoC** - New Zealand Inventory of Chemicals

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Diethylene Glycol Ethyl Ether - 111-90-0	1.0

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b> 1	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and Chemical Properties</b> -
<b><u>HMIS</u></b>	<b>Health hazards</b> 1	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal protection</b> X

**Revision Date** 18-May-2015

**Revision Note**

SDS sections updated (\*\*\*)

**Disclaimer**

The information provided above is intended as a guide to assist in the safe handling, use, processing, storage, transportation, disposal and release of the material listed. Nothing contained herein is to be considered as an express or implied warranty of performance or quality. The information relates only to the specific material designated and may not be applicable when such material is used in combination with any other materials or as part of any process, except as otherwise expressly described herein. The information is believed to be true and correct as of the date issued. Always make sure you are using the most current information available. The material described herein is produced for commercial and industrial use only and unless otherwise specifically designated by the manufacturer in writing has not received any specific regulatory approval such as approvals for food contact or for use in medical/surgical applications or devices. It is buyer and user's sole and exclusive responsibility to ensure that any handling, use, processing, storage, transportation, disposal and release of the material complies with all applicable laws, rules and regulations.

**End of Safety Data Sheet**