



# Benjamin Moore®

## SAFETY DATA SHEET

Revision Date: 01-Nov-2023

Revision Number: 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** HP OIL & GREASE EMULSIFIER  
**Product Code** HP6000-00FR  
**Alternate Product Code** UF6800  
**Product Class** SURFACE PREPARATION PRODUCT  
**Color** Clear  
**Recommended use** SURFACE PREPARATION PRODUCT  
**Restrictions on use** No information available

#### Manufactured For

Benjamin Moore & Co., Limited  
8775 Keele Street  
Concord ON L4K 2N1  
Phone: 1-800-361-5898  
www.benjaminmoore.com/en-ca

#### Manufacturer

Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
www.benjaminmoore.com

#### Emergency Telephone

CHEMTREC: +1 703-741-5970 / 1-800-424-9300  
+1 703-527-3887 (outside US & Canada)  
CANUTEC: 613-996-6666 (Transport Emergency Only)

### 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

#### Label elements

##### Danger

##### Hazard statements

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction



**Appearance** liquid

**Odor** little or no odor

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/clothing and eye/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

Immediately call a POISON CENTER or doctor/physician

#### Skin

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other information

No information available

### 3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium tripolyphosphate	7758-29-4	3 - 7%	-	-
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - 5%	-	-
Monoethanolamine phosphate	29868-05-1	1 - 5%	-	-
Ethanol, 2-amino-	141-43-5	1 - 5%	-	-
3,5,7-Triaza-1-azoniatricyclo[3.3.1.1 <sup>3,7</sup> ]decane, 1-(3-chloro-2-propen-1-yl)-, chloride	4080-31-3	1 - 5%	-	-
1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine	4719-04-4	0.25 - 0.5%	-	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

<b>General Advice</b>	No hazards which require special first aid measures.
<b>Eye Contact</b>	Immediate medical attention is required. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction.
<b>Notes To Physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity to mechanical impact</b>	No
<b>Sensitivity to static discharge</b>	No
<b>Flash Point Data</b>	
Flash point (°F)	375
Flash Point (°C)	191
Method	PMCC
<b>Flammability Limits In Air</b>	
Lower flammability limit:	Not applicable
Upper flammability limit:	Not applicable
<b>NFPA</b>	
Health hazards	1
Flammability	1
Stability	0
Special:	Not Applicable

**NFPA Legend**

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information</b>	Prevent further leakage or spillage if safe to do so.
<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.
<b>Incompatible Materials</b>	No information available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits**

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
Ethanol, 2-(2-butoxyethoxy)-	TWA: 10 ppm inhalable fraction and vapor	-	-	TWA: 10 ppm	-
Ethanol, 2-amino-	STEL: 6 ppm TWA: 3 ppm	3 ppm - TWA 7.5 mg/m <sup>3</sup> - TWA 6 ppm - STEL 15 mg/m <sup>3</sup> - STEL	3 ppm - TWA 6 ppm - STEL	3 ppm - TWA 6 ppm - STEL	3 ppm - TWAEV 7.5 mg/m <sup>3</sup> - TWAEV 6 ppm - STEV 15 mg/m <sup>3</sup> - STEV

**Legend**

- ACGIH - American Conference of Governmental Industrial Hygienists
- Alberta - Alberta Occupational Exposure Limits
- British Columbia - British Columbia Occupational Exposure Limits
- Ontario - Ontario Occupational Exposure Limits
- Quebec - Quebec Occupational Exposure Limits
- N/E - Not established

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
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**Personal Protective Equipment****Eye/Face Protection**

Safety glasses with side-shields

**Skin Protection**

Protective gloves and impervious clothing.

**Respiratory Protection**

In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene Measures**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available
<b>Density (lbs./gal)</b>	8.7 - 9.1
<b>Specific Gravity</b>	1.04 - 1.09
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ies)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure @20 °C (kPa)</b>	No information available
<b>Relative vapor density</b>	No information available
<b>Wt. % Solids</b>	5 - 15
<b>Vol. % Solids</b>	0 - 10
<b>Wt. % Volatiles</b>	85 - 95
<b>Vol. % Volatiles</b>	90 - 100
<b>VOC Regulatory Limit (g/L)</b>	< 500
<b>Boiling Point (°F)</b>	199
<b>Boiling Point (°C)</b>	93
<b>Freezing point (°F)</b>	No information available
<b>Freezing Point (°C)</b>	No information available
<b>Flash point (°F)</b>	375
<b>Flash Point (°C)</b>	191
<b>Method</b>	PMCC
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable
<b>Lower flammability limit:</b>	Not applicable
<b>Autoignition Temperature (°F)</b>	No information available
<b>Autoignition Temperature (°C)</b>	No information available
<b>Decomposition Temperature (°F)</b>	No information available
<b>Decomposition Temperature (°C)</b>	No information available
<b>Partition coefficient</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not Applicable
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Prevent from freezing.

**Incompatible Materials** No materials to be especially mentioned.  
**Hazardous Decomposition Products** None under normal use.  
**Possibility of hazardous reactions** None under normal conditions of use.

**11. TOXICOLOGICAL INFORMATION**

**Product Information**

**Information on likely routes of exposure**

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

**Acute Toxicity**

**Product Information** No information available

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available

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

**Eye contact** Severely irritating to eyes May cause burns Risk of serious damage to eyes  
**Skin contact** Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.  
**Inhalation** May cause irritation of respiratory tract.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Sensitization** May cause an allergic skin reaction.  
**Neurological Effects** No information available.  
**Mutagenic Effects** No information available.  
**Reproductive Effects** No information available.  
**Developmental Effects** No information available.  
**Target organ effects** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Other adverse effects** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity**

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

**ATEmix (oral)** 14365 mg/kg  
**ATEmix (inhalation-dust/mist)** 150 mg/l  
**ATEmix (inhalation-vapor)** 1100 mg/l

**Component Information**

Caution - This mixture contains a substance not yet fully tested

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium tripolyphosphate	= 3120 mg/kg ( Rat )	> 7940 mg/kg ( Rabbit )	-

7758-29-4			
Ethanol, 2-(2-butoxyethoxy)- 112-34-5	= 5660 mg/kg ( Rat )	= 2700 mg/kg ( Rabbit )	-
Ethanol, 2-amino- 141-43-5	= 1720 mg/kg ( Rat )	= 1000 mg/kg ( Rabbit ) = 1 mL/kg ( Rabbit )	-
3,5,7-Triaza-1-azoniatricyclo[3.3.1.1 3,7]decane, 1-(3-chloro-2-propen-1-yl)-, chloride 4080-31-3	= 500 mg/kg ( Rat )	= 565 mg/kg ( Rabbit )	-
1,3,5-Tris(2-hydroxyethyl)hexahydro -1,3,5-triazine 4719-04-4	= 763 mg/kg ( Rat )	> 4000 mg/kg ( Rat )	= 0.4 mg/L ( Rat ) 4 h = 0.338 mg/L ( Rat ) 4 h

**Chronic Toxicity****Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

**Product Information****Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**Persistence / Degradability**

No information available.

**Bioaccumulation**

There is no data for this product.

**Mobility in Environmental Media**

No information available.

**Ozone**

Not applicable

**Component Information****Acute Toxicity to Fish**

Ethanol, 2-amino-

LC50: 3684 mg/L (Zebra Fish - 96 hr.)

**Acute Toxicity to Aquatic Invertebrates**Ethanol, 2-(2-butoxyethoxy)-

EC50: 100 mg/L (Daphnia - 48 hr.)

Ethanol, 2-amino-

EC50: 65 mg/L (Daphnia - 48 hr.)

**Acute Toxicity to Aquatic Plants**Ethanol, 2-amino-

EC50: 15 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**14. TRANSPORT INFORMATION**

<b>TDG</b>	Not regulated
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<b>ICAO / IATA</b>	Not regulated
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<b>IMDG / IMO</b>	Not regulated
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**15. REGULATORY INFORMATION****International Inventories****TSCA: United States**

Yes - All components are listed or exempt.

**DSL: Canada**

No - Not all of the components are listed.

One or more component is listed on NDSL.

**National Pollutant Release Inventory (NPRI)****NPRI Parts 1- 4**

This product contains the following Parts 1-4 NPRI chemicals:

*None***NPRI Part 5**

This product contains the following NPRI Part 5 Chemicals:



<u>Chemical name</u>	<u>CAS No</u>	<u>Weight-%</u>	<u>NPRI Part 5</u>
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - 5%	Listed

**WHMIS Regulatory Status**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

## 16. OTHER INFORMATION

**HMIS**

<b>Health hazards</b>	1
<b>Flammability</b>	1
<b>Reactivity:</b>	0
<b>Personal protection</b>	-

**HMIS Legend**

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

\* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

*Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.*

*Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.*

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada at [http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked\\_questions-questions\\_posees-eng.php](http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php).

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**Disclaimer**

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**End of Safety Data Sheet**