

SAFETY DATA SHEET

HD6905/6945-50%
PEPEMATE 50/50

Preparation Date: 16/Sep/2020

Version: 1

1. IDENTIFICATION

Product identifier

Product Name PIPEMATE 50/50

Other means of identification

SDS Number HD6905/6945-50%

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use.

Restricted Uses No information available

Initial Supplier Identifier

Hood Chemical
295 Alliance Rd. Unit #14
Milton, Ontario L9T 4W8
Telephone: 1-800-567-9791

Emergency telephone number

24 Hour Emergency Phone Number (CANUTEC): 1-888-226-8832 (1-888-CAN-UTEC)

2. HAZARD IDENTIFICATION

Hazardous Classification of the substance or mixture

None

Label elements

Hazard pictograms None

Hazard statements

The mixture does not meet the criteria for classification.

Prevention

Wash hands thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

In case of inadequate ventilation wear respiratory protection

Response

Read the label and safety data sheet before use.

Flush eyes with plenty amounts of water.

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash skin with plenty of water.

If skin irritation occurs: Get medical advice/attention

Move person to fresh air.

Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Storage

Store in accordance with good industrial practices.

Disposal

Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

Not applicable.

Mixture

Chemical Name	CAS No	Weight-% (W/W)	Synonyms
Water	7732-18-5	40 - 70%	Water
Propylene glycol	57-55-6	30 - 60%	Propylene glycol
Dipotassium phosphate	7758-11-4	1 - 5%	Dipotassium phosphate

Notes:

The actual percentage concentration has been withheld as a trade secret.

4. FIRST-AID MEASURES**Description of first aid measures****Inhalation**

Remove to fresh air.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact

Wash skin with soap and water.

Ingestion

Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed:

No adverse health effects are expected from swallowing. May cause slight transient (temporary) eye irritation. No significant irritation expected from a single short-term exposure.

Indication of any immediate medical attention and special treatment needed:**Note to physicians**

Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the substance or mixture

Use water spray to cool fire-exposed containers and structures. Isolate and restrict area access. Move containers from fire area if you can do it without risk. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Fight fire from a safe distance and from a protected location. This material will not burn until the water has evaporated. Residue can burn. Spills of these organic liquids on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

Hazardous combustion products

Carbon monoxide. Carbon dioxide.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Consult local authorities.

Methods and materials for containment and cleaning up

Small spills: soak up with absorbent material and scoop into containers. Large spills : prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Use appropriate personnel protective equipment. Keep the containers closed when not in use. Do not ingest. Handle and open containers with care. Protect against physical damage. Avoid breathing mist or vapor. For industrial use only.

Conditions for safe storage, including any incompatibilities

Do not store in galvanized steel. Do not store in unlabeled containers. Store in carbon steel, stainless steel. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Limits**

Chemical Name	Alberta OEL	British Columbia OEL	Ontario	Quebec OEL	Exposure Limit - ACGIH	Immediately Dangerous to Life or Health - IDLH
Water 7732-18-5	Not available	Not available	Not available	Not available	Not available	Not available
Propylene glycol 57-55-6	Not available	Not available	TWA: 10 mg/m ³ TWA: 50 ppm TWA: 155 mg/m ³	Not available	Not available	Not available
Dipotassium phosphate 7758-11-4	Not available	Not available	Not available	Not available	Not available	Not available

Consult local authorities for recommended exposure limits

Appropriate engineering controls**Engineering controls**

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Safety glasses with side shields or chemical goggles.

Hand protection

Use gloves chemically resistant to this material, examples of preferred glove barrier materials include: Butyl rubber gloves. Natural rubber gloves. Neoprene gloves. Nitrile rubber. Polyethylene gloves. Ethyl Vinyl Alcohol Laminate (EVAL). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials as well as the instructions/specifications provided by the glove supplier.

Skin and body protection

Skin contact should be prevented through the use of suitable protective clothing, gloves and footwear, selected for conditions of use and exposure potential. Consideration must be given both to durability as well as permeation resistance.

Respiratory protection

In misty atmospheres, use an approved mist respirator. Organic vapor cartridge with a particulate pre-filter.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties**Appearance**

Physical state	Liquid
Color	Colorless
Odor	Odorless
Odor threshold	No information available

<u>PROPERTIES</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	10	None known
Melting point / freezing point	-9.9 °C / 14.2 °F	None known
Initial boiling point/boiling range	101.1 °C / 214 °F	None known
Flash point	No data available	Tag Closed Cup
Evaporation rate	<0.5	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit:	12.5	
Lower flammability limit:	2.6	
Vapor pressure	17.3 mmHg	None known
Relative vapor density	>1	
Specific Gravity	1.02	
Water solubility	Soluble in water	
Solubility in other solvents	No data available	
Partition coefficient	No data available	
Autoignition temperature	371 °C / 700 °F	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	2.4 cSt	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available.	
Oxidizing properties	No information available.	
Molecular weight	No information available	
VOC Percentage Volatility	No information available	
Liquid Density	No information available	
Bulk density	No information available	

10. STABILITY AND REACTIVITY

Reactivity/Chemical Stability

Stable under normal conditions

Possibility of hazardous reactions

No additional remark.

Hazardous polymerization

Will not occur.

Conditions to avoid

Some components of this product can decompose at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Inhalation**

No significant irritation expected from a single short-term exposure.

Eye contact

May cause slight transient (temporary) eye irritation.

Skin contact

No significant irritation expected from a single short-term exposure.

Ingestion

No adverse health effects are expected from swallowing.

Information on toxicological effects**Symptoms**

No additional information available.

Numerical measures of toxicity**Acute toxicity**

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

ATEmix (oral) 52,632.00 mg/kg

ATEmix (dermal) 54,737.00 mg/kg

Unknown acute toxicity No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	Not available	Not available
Propylene glycol 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	Not available
Dipotassium phosphate 7758-11-4	Not available	Not available	Not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

No significant irritation expected from a single short-term exposure.

Serious eye damage/eye irritation

May cause slight transient (temporary) eye irritation.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Water 7732-18-5	Not available	Not available	Not available	Not available
Propylene glycol 57-55-6	Not available	Not available	Not available	Not available
Dipotassium phosphate 7758-11-4	Not available	Not available	Not available	Not available

Reproductive toxicity

No information available.

Specific target organ systemic toxicity - single exposure

No information available.

Specific target organ systemic toxicity - repeated exposure

No information available.

Aspiration hazard

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Fish Species Data	Toxicity to microorganisms	Crustacea
Water 7732-18-5	Not available	Not available	Not available	Not available
Propylene glycol 57-55-6	19000 mg/L EC50 Pseudokirchneriella subcapitata 96 h	41 - 47 mL/L LC50 (Oncorhynchus mykiss) 96 h static 51400 mg/L LC50 (Pimephales promelas) 96 h static 51600 mg/L LC50 (Oncorhynchus mykiss) 96 h static 710 mg/L LC50 (Pimephales promelas) 96 h	Not available	EC50: >1000mg/L (48h, Daphnia magna) EC50: >10000mg/L (24h, Daphnia magna)
Dipotassium phosphate 7758-11-4	Not available	Not available	Not available	Not available

Persistence and degradability No information available.

Bioaccumulation No information available.

Chemical Name	Partition coefficient
Water 7732-18-5	Not available
Propylene glycol 57-55-6	Not available
Dipotassium phosphate 7758-11-4	Not available

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Do not reuse empty containers.

14. TRANSPORT INFORMATION

TDG (Canada):

UN Number Not applicable
Shipping name Not regulated
Class Not applicable
Packing Group Not applicable
Marine pollutant Not available.

DOT (U.S.)

UN Number Not applicable
Shipping name Not regulated
Class Not applicable
Packing Group Not applicable
Marine pollutant Not available

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. Regulatory Rules

Chemical Name	CERCLA/SARA - Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA - Section 313:
Water - 7732-18-5	Not Listed	Not Listed	Not Listed
Propylene glycol - 57-55-6	Not Listed	Not Listed	Not Listed
Dipotassium phosphate - 7758-11-4	Not Listed	Not Listed	Not Listed

International Inventories

TSCA

All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

DSL/NDSL

All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

16. OTHER INFORMATION

<u>NFPA:</u>	Health hazards 0	Flammability 0	Instability 0	Physical and chemical properties -
<u>HMS:</u>	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
 TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
 Ceiling Maximum limit value * Skin designation

Prepared By: The Environment, Health and Safety Department of Univar Canada Ltd.
Preparation Date: 16/Sep/2020
Revision Date: 16/Sep/2020

Disclaimer

NOTICE TO READER:

Univar expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Univar Sales Office.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Univar makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Univar's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

©2015 Univar Inc. All rights reserved. Univar, the hexagon, the Univar logo and MasterLine are the registered trademarks of Univar Inc.

End of Safety Data Sheet

Region	The following sections have been revised: Revision Note 2.0	Canada
Template name	HGHS	
Inhalation Statement Inhalation Conditions to avoid	Liquid or Aerosol No significant irritation expected from a single short-term exposure. Temperatures over 270 °C.	

Possibility of hazardous reactions	No additional remark.
Symptoms	In animals, blood effects have been reported.
Note to physicians	Treatment based on sound judgment of physician and individual reactions of patient.
Advice on safe handling	Use with adequate ventilation. Wash thoroughly after handling. Containers which have been exposed to heat may be under internal pressure. These should be cooled and carefully vented before opening. Handle and open containers with care. Do not consume food, drink or smoke while handling this material. For food plant and other industrial use only. Avoid prolonged contact with natural, butyl or nitrile rubbers. Avoid breathing vapors, mist, fume or dust.
Engineering controls	In the laboratory environment, this product should be handled in a hood.
Eye/face protection	Safety glasses (with side shields).
Hand protection	4H(R).
Respiratory protection	Where misting may occur, wear a MSHA/NIOSH approved half-mask air purifying respirator equipped with an organic vapor cartridge.

pH	10
Kinematic viscosity - VALUE 1	2.4 cSt
Physical state	Liquid
Boiling point / boiling range °C - VALUE 1	101.1

GHS Classification

Not Hazardous	Not classified						
GHS Physical Hazard Category Number	None						
Component	Exclude this non-hazardous chemical from toxicity and ecotoxicity calculations for LD/LC/EC50	mg/kg oral LD50 (rat)	LD50 (Dermal, Rat, mg/kg)	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - gas - ppm	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L
Water	-	-	-	-	-	-	-
7732-18-5 (45 - 70%)	-	-	-	-	-	-	-
Propylene glycol	-	-	-	-	-	-	-
57-55-6 (30 - 60%)	-	-	-	-	-	-	-
Dipotassium phosphate	-	-	-	-	-	-	-
7758-11-4 (1 - 5%)	-	-	-	-	-	-	-
Hazard statements	EUH210 - Safety data sheet available on request						
Hazard statements	The mixture does not meet the criteria for classification.						
Skin	IF ON SKIN: Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention						
Prevention	Wash hands thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection						
Response	Read the label and safety data sheet before use.						
Eyes	Flush eyes with plenty amounts of water. If eye irritation persists: Get medical advice/attention						
Skin	IF ON SKIN: Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention						
Inhalation	Move person to fresh air.						
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.						
Storage	Store in accordance with good industrial practices.						
Disposal	Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations						
The following values are calculated based on chapter 3.1 of the GHS document							
ATEmix (oral)	52,632.00						
Units	mg/kg						
ATEmix (dermal)	54,737.00						
Units	mg/kg						
Unknown acute toxicity	2 % of the mixture consists of component(s) of unknown hazards to the aquatic environment						
Unknown Acute Aquatic Toxicity	2						
Unknown Chronic Aquatic Toxicity	2						
Product ATE Oral Status	1						
Product ATE Dermal Status	1						
Product ATE Inhalation - Gas Status	1						
Product ATE Inhalation - Vapor Status	1						

Product ATE Inhalation - Dust/Mist Status	1
Product Skin Corrosion Status	1
Product Eye Damage Status	1
Product Respiratory Sens. Status	1
Product Skin Sensitization Status	1
Product Mutagenic Status	1
Product Carcinogenic Status	1
Product Reproductive Toxicity Status	1
Product STOT Single Status	1
Product STOT Repeated Status	1
Product Aquatic Toxicity Status	1
Product Aspiration Toxicity Status	1
Product Ozone Status	1
Product and Component Overall	1
Classification Status	
Unknown acute toxicity	40
2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity	
2 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity	
40 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)	
40 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)	
40 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)	