



1. Product and Company Identification

Product Name Merfin Mates 9400 – Hard Surface Cleaning Wipe
CAS # Mixture
Product Use Hard Surface Cleaner
Supplier Address: NPS Corporation
 3303 Spirit Way
 Green Bay, WI 54304
 Phone: (902) 983-9223
Chemtrec: (703) 527-3887

LEGEND HMIS	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	A

2. Hazards Identification

Emergency Overview Merfin Mates are mild in their effect on the skin and eyes in cases of over exposure. Ingestion can result in transient stomach upset.

Potential short term health effects

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.

Eyes May cause irritation. Flush with water. Seek medical attention if irritation persists.

Skin In the unlikely event that irritation occurs, flush with water. Seek medical attention if persists.

Inhalation Unlikely due to physical form.

Ingestion May cause transient stomach distress, nausea or vomiting.

Target organs No target organs reported.

Chronic effects No chronic health effects reported

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
None by WHMIS criteria		

4. First Aid Measures

First aid procedures

Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin contact If Irritation occurs flush with cool water. Obtain medical attention if irritation persists.

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

Notes to physician Symptoms may be delayed.

General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children.
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5. Fire-fighting Measures

Flammable properties	Not flammable by WHMIS criteria.
Extinguishing media	
Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear routine protective clothing including self contained breathing apparatus.
Hazardous combustion products	None
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	None
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material.
Storage	Keep out of reach of children. Store in a suitable container. Protect from freezing or heating this material.

8. Exposure Controls / Personal Protection

Exposure limit values	
Ingredient(s)	Exposure limit values
None	ACGIH-TLV Not established
Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	None Required.
Hand protection	None Required.
Skin and body protection	None Required.
Respiratory protection	None Required.
General hygiene considerations	Handle in accordance with good hygiene and safety practice.

9. Physical & Chemical Properties

Appearance	Homogenous, translucent liquid applied to a wipe substrate
Colour	Translucent liquid

Form	Liquid on wipe
Odor	Unscented
Odor threshold	Not available
Physical state	Liquid on wipe
pH	5-7 (100%)
Freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation Rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	1.0
Octanol/water coefficient	Not available
Solubility (H2O)	Liquid Complete/Wipe n/a
Auto-ignition temperature	Not available
Viscosity	Not available

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	None known.
Incompatible materials	None known.
Hazardous decomposition products	None known.
Possibility of hazardous reactions	None known.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
None	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
None	Not available

Effects of acute exposure

Eye	May cause irritation.
Skin	Unlikely to cause irritation.
Inhalation	Unlikely to cause respiratory tract irritation.
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS criteria.
Mutagenicity	Non-hazardous by WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Non-hazardous by WHMIS criteria.

12. Ecological Information

Ecotoxicity	No components of this product have been identified as having any potential environmental concerns. Do not flush wipes down the toilet.
Environmental effects	Not available

Aquatic toxicity	Not available
Persistence and degradability	Not available
Bioaccumulation/accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Dispose in accordance with all applicable State, Federal and Provincial regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

Waste Disposal Method: Disposal is to be performed in compliance with federal, state/provincial and local regulations.

Non-Household Setting (US Federal): Product covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR part 261). Disposal should be in accordance with local, state/provincial and Federal regulations.

Household Use: Consumer may re-use, discard or recycle (where facilities exist) empty container. Wipes should be disposed of in the trash. Do not flush wipes down toilet.

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada) – not regulated

Ground Transport (US DOT): not regulated

Air Transport (IATA): not regulated

Marine/Water Transport (IMDG): not regulated

15. Regulatory Information

Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.	
WHMIS classification	Not Controlled	
WHMIS status	Not Controlled	
WHMIS labeling		

Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

A While this finished product is not considered hazardous as defined by OSHA in 29 CFR 1910.1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of this product.

Federal:

This product is not regulated by EPA TSCA.

The product described in this Material Safety Data Sheet is regulated under the Federal Food Drug and Cosmetic Act and is safe as per directions on the label.

States:

CA Prop 65 – This product is not subject to warning labeling under California Proposition 65.

SARA 313/302/304/311/312 chemicals: NONE

CERCLA Chemicals: NONE

State Right-to-Know:

The following ingredients are present in the finished product:

DI WATER
TETRASODIUM EDTA
POTASIUUM SORBATE
DISODIUM COCOAMPHODIPROPIONATE
CITRIC ACID
QUATERNIUM 15
METHYLCHLOROISOTHIAZOLINONE
METHYLISOTHIAZOLINONE

16. Other Information

Disclaimer	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
Issue date	19-Jan-2015
Effective Date	19-Jan-2015
Expiry Date	19-Jan-2018
Prepared by:	Technical Dept.