

# Safety Data Sheet

## 1. Identification

**Product Information:** M-34  
**Product Name:** Maintenance One Floor Stripper  
**Recommended Use:** Floor Stripper  
**Application Method:** No Information  
**Supplied by:** GPM  
 201 Jandus Road  
 Cary, IL 60013  
 Telephone: (847) 639-5383  
**Emergency Telephone:** (866)257-3981

## 2. Hazards Identification

**EMERGENCY OVERVIEW:** Corrosive Liquid

**GHS Classification**  
Skin Corr. 1A

**Symbol(s) of Product**



**Signal Word**  
Danger

**Possible Hazards**  
23% of the mixture consists of ingredients of unknown acute toxicity

### GHS HAZARD STATEMENTS

Skin Corrosion, category 1A H314 Causes severe skin burns and eye damage.

### GHS LABEL PRECAUTIONARY STATEMENTS

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor/physician.

### GHS SDS PRECAUTIONARY STATEMENTS

P363 Wash contaminated clothing before reuse.

## 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
potassium hydroxide; caustic potash	1310-58-3	2.5-10	GHS05-GHS07	H302-314
(2-METHOXYMETHYLETHOXY) PROPANOL (DPGME)	34590-94-8	2.5-10	No Information	H227

2-aminoethanol; ethanolamine	141-43-5	2.5-10	No Information	No Information
Sodium Metasilicate	6834-92-0	2.5-10	GHS05-GHS07	H302-314-332-335
POLY(OXY-1,2-ETHANEDIYL), *(4-NONYLPHENYL) *-HYDROXY, RAMIFIE	127087-87-0	2.5-10	No Information	No Information
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	64-02-8	0.1-1.0	GHS05-GHS06	H302-318-331

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

#### 4. First-aid Measures



**FIRST AID - INHALATION:** Remove person to fresh air. If signs/symptoms continue, get medical attention.

**FIRST AID - SKIN CONTACT:** REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS OR IF CONTACT HAS BEEN PROLONGED OBTAIN MEDICAL ATTENTION. FLUSH WITH WATER.

**FIRST AID - EYE CONTACT:** FLUSH WITH LARGE AMOUNTS OF WATER IMMEDIATELY AND REPEATEDLY AND SEEK PROMPT MEDICAL ATTENTION.

**FIRST AID - INGESTION:** Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Have the victim drink 8 to 10 ounces (240 - 300 ml) of water to dilute the material in the stomach. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Consult a physician immediately.

#### 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Container may rupture on heating.

**SPECIAL FIREFIGHTING PROCEDURES:** Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

#### 6. Accidental Release Measures

**ENVIRONMENTAL PRECAUTIONS:** No Information

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** ISOLATE HAZARD AREA AND KEEP UNNECESSARY PEOPLE AWAY. DO NOT ALLOW THE LIQUID TO ENTER INTO ANY SEWERS, ONTO THE GROUND OR INTO ANY BODY OF WATER. FOR LARGE SPILLS, USE A DIKE AND PUMP INTO APPROPRIATE CONTAINERS. SMALL SPILLS, DILUTE WITH WATER AND RECOVER OR USE NON-COMBUSTIBLE ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS.

#### 7. Handling and Storage



**HANDLING:** KEEP FROM FREEZING

**STORAGE:** Store in a cool dry area. KEEP OUT OF REACH OF CHILDREN.

#### 8. Exposure Controls/Personal Protection

##### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
potassium hydroxide; caustic potash (2-METHOXYMETHYLETHOXY) PROPANOL (DPGME)	N.E. 100 ppm	N.E. 150 ppm	N.E. 100 ppm	N.E. 150 ppm
2-aminoethanol; ethanolamine	3 ppm (8 hrs)	6 ppm (15 min)	6 mg/m3 (8 hr)	N.E.
Sodium Metasilicate	N.E.	N.E.	N.E.	N.E.
POLY(OXY-1,2-ETHANEDIYL), *(4-NONYLPHENYL) *-HYDROXY, RAMIFIE	N.E.	N.E.	N.E.	N.E.
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	N.E.	N.E.	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

## Personal Protection



**RESPIRATORY PROTECTION:** Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required.



**SKIN PROTECTION:** PVC or other plastic material gloves Nitrile rubber Natural Rubber



**EYE PROTECTION:** Safety goggles



**OTHER PROTECTIVE EQUIPMENT:** EYE WASH AND SAFETY SHOWERS SHOULD BE READILY AVAILABLE.



**HYGIENIC PRACTICES:** Wash hands before eating, drinking, or smoking.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Green Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Citrus	<b>Odor Threshold:</b>	No Information
<b>Density, g/cm<sup>3</sup>:</b>	0.000	<b>pH:</b>	12.0 - 13.0
<b>Freeze Point, °C:</b>	No Information	<b>Viscosity:</b>	No Information
<b>Solubility in Water:</b>	Soluble	<b>Partition Coefficient, n-octanol/ water:</b>	No Information
<b>Decomposition temperature, °C</b>	No Information		
<b>Boiling Range, °C:</b>	100 - 100	<b>Explosive Limits, %:</b>	N/A
<b>Combustibility:</b>	Does not Support Combustion	<b>Flash Point, °C:</b>	Not Applicable
<b>Evaporation Rate:</b>	Slower Than Ether	<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Vapor Density:</b>	No Information	<b>Vapor Pressure, mmHg:</b>	No Information

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**STABILITY:** THIS MATERIAL IS STABLE UNDER NORMAL STORAGE AND HANDLING CONDITIONS.

**CONDITIONS TO AVOID:** KEEP FROM FREEZING.

**INCOMPATIBILITY:** Strong acids and oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS.

## 11. Toxicological Information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. Can damage nasal and respiratory passages.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Prolonged and repeated skin contact may cause moderate to severe skin

irritation and possibly burns.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Direct eye contact may cause severe irritation or burns. If not immediately removed, may cause permanent eye damage.

**EFFECT OF OVEREXPOSURE - INGESTION:** May be harmful or fatal if swallowed. Can result in damage to throat, esophagus and stomach.

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information

**CARCINOGENICITY:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
1310-58-3	potassium hydroxide; caustic potash	1260 mg/kg	N.I.	N.I.
6834-92-0	Sodium Metasilicate	1,152 mg/kg	5,000 mg/kg	N.I.
64-02-8	TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	630	N.I.	10

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No Information

## 13. Disposal Information



Product

**DISPOSAL METHOD:** Dispose of material in accordance with applicable federal, state and local regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** ISOLATE HAZARD AREA AND KEEP UNNECESSARY PEOPLE AWAY. DO NOT ALLOW THE LIQUID TO ENTER INTO ANY SEWERS, ONTO THE GROUND OR INTO ANY BODY OF WATER. FOR LARGE SPILLS, USE A DIKE AND PUMP INTO APPROPRIATE CONTAINERS. SMALL SPILLS, DILUTE WITH WATER AND RECOVER OR USE NON-COMBUSTIBLE ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

<b>DOT Proper Shipping Name:</b>	Corrosive Liquid, basic, inorganic, n.o.s.	<b>Packing Group:</b>	II
<b>DOT Technical Name:</b>	Potassium Hydroxide	<b>Hazard SubClass:</b>	No Information
<b>DOT Hazard Class:</b>	8	<b>Resp. Guide Page:</b>	No Information
<b>DOT UN/NA Number:</b>	3266		

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

**Chemical Name**

SODIUM SULFATE

**CAS-No.**

7757-82-6

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

**Chemical Name**

SODIUM SULFATE

**CAS-No.**

7757-82-6

**U.S. State Regulations:****NEW JERSEY RIGHT-TO-KNOW:**

The following materials are non-hazardous, but are among the top five components in this product.

**Chemical Name**

Water

**CAS-No.**

7732-18-5

**PENNSYLVANIA RIGHT-TO-KNOW**

The following non-hazardous ingredients are present in the product at greater than 3%.

**Chemical Name**

Water

**CAS-No.**

7732-18-5

**CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

**Chemical Name**

2,2'-iminodiethanol; diethanolamine

**CAS-No.**

111-42-2

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -****CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class**

No Information

**16. Other Information****Revision Date:**

6/18/2016

**Supersedes Date:**

New MSDS

**Reason for revision:**

No Information

**Datasheet produced by:**

Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	3	<b>Flammability:</b>	0	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	N.I.
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**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H227	Combustible liquid
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H331	Toxic if inhaled.

H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS05



GHS06



GHS07



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.