

Material Safety Data Sheet



MEDALLION

1. Product and company identification

Trade name of product : MEDALLION

Product use : Metal Polish

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326

Code : 998690

Date of issue : 04-January-2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency overview : WARNING !

CAUSES EYE IRRITATION.
HARMFUL OR FATAL IF SWALLOWED.
ASPIRATION HAZARD.
CAN ENTER LUNGS AND CAUSE DAMAGE.
Can cause central nervous system (CNS) depression.
Do not ingest. Avoid contact with eyes. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling.

Product AT USE DILUTION

Product is sold ready to use.

Potential acute health effects

Product AS SOLD

Eyes : Severely irritating to eyes.

Skin : No known significant effects or critical hazards.

Inhalation : Slightly irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.

Ingestion : May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage. Ingestion may cause nausea, weakness and central nervous system effects.

Product AT USE DILUTION

Product is sold ready to use.

See toxicological information (Section 11)

3. Composition/information on ingredients

Product AS SOLD

Name

BUTOXYDIGLYCOL

white mineral oil, petroleum
gas oil, blend

CAS number

112-34-5

% by weight

20

8042-47-5

20 - 50

64741-44-2

20 - 50

3. Composition/information on ingredients

Product AT USE DILUTION

Name

Product is sold ready to use.

CAS number

% by weight

4. First aid measures

Product AS SOLD

- | | |
|---------------------|--|
| Eye contact | : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention. |
| Skin contact | : No known effect after skin contact. Rinse with water for a few minutes. |
| Inhalation | : No special measures required. Treat symptomatically. |
| Ingestion | : If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. |

Product AT USE DILUTION

Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products

: Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Fire-fighting media and instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Product AS SOLD

- | | |
|-----------------------------|--|
| Personal precautions | : Use personal protective equipment as required. |
|-----------------------------|--|

Product AT USE DILUTION

Product is sold ready to use.

Environmental precautions

: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods for cleaning up

: Use a water rinse for final clean-up.

7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling	: Do not ingest. Avoid contact with eyes. Use only with adequate ventilation. Wash thoroughly after handling.	Product is sold ready to use.
Storage	: Keep out of reach of children. Store in a closed container. Store between the following temperatures: 0 and 50°C	

8. Exposure controls/personal protection

	Product AS SOLD	Product AT USE DILUTION
Engineering measures	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	Product is sold ready to use.
Personal protection		
Eyes	: Wear eye protection.	Product is sold ready to use.
Hands	: No protective equipment is needed under normal use conditions.	
Skin	: No protective equipment is needed under normal use conditions.	
Respiratory	: No special protection is required.	

Ingredient	Exposure limits
white mineral oil, petroleum	ACGIH TLV (United States, 2/2010). TWA: 5 mg/m³ 8 hour(s). Form: Inhalable fraction NIOSH REL (United States, 6/2009). TWA: 5 mg/m³ 10 hour(s). Form: Mist STEL: 10 mg/m³ 15 minute(s). Form: Mist OSHA PEL (United States, 6/2010). TWA: 5 mg/m³ 8 hour(s).

9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Liquid.	Product is sold ready to use.
Flash point	: Product does not support combustion.	
Color	: Colorless to light yellow	
Odor	: Faint odor	
pH	: Not applicable.	
Boiling/condensation point	: >100°C (>212°F)	
Relative density	: 0.845 to 0.865	
Viscosity	: Kinematic (40°C (104°F)): 0 cm²/s (0 cSt)	
Solubility	: Insoluble in the following materials: cold water and hot water.	

10. Stability and reactivity

Product AS SOLD	
Stability	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

10. Stability and reactivity

Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Potential acute health effects

Product AS SOLD

- Eyes** : Severely irritating to eyes.
- Skin** : No known significant effects or critical hazards.
- Inhalation** : Slightly irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
- Ingestion** : May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage. Ingestion may cause nausea, weakness and central nervous system effects.

Product AT USE DILUTION

Product is sold ready to use.

Product AS SOLD

Other adverse effects

- Target organs** : Contains material which may cause damage to the following organs: blood, kidneys, liver, upper respiratory tract, eyes, central nervous system (CNS).

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD

- Waste disposal** : Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
- RCRA classification** : Unused product is D002 (Corrosive)

Product AT USE DILUTION

Product is sold ready to use.

14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Product AS SOLD

DOT

DOT Classification Not regulated.

IMO/IMDG

IMO/IMDG Classification Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD

HCS Classification : Irritating material
Target organ effects

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

SARA 313 **Product name**

Form R - Reporting requirements : 2-(2-butoxyethoxy)ethanol

California Prop. 65 : No listed substance

Product AT USE DILUTION

Product is sold ready to use.

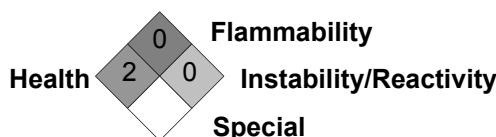
16. Other information

Product AS SOLD

Hazardous Material Information System (U.S.A.) :

Health	*	2
Flammability		0
Physical hazards		0

National Fire Protection Association (U.S.A.) :



Date of issue : 04-January-2013

Responsible name : Regulatory Affairs
1-800-352-5326

☒ Indicates information that has changed from previously issued version.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.