

Material Safety Data Sheet



MAXX PHAZER DURABLE FLOOR FINISH PART A

1. Product and company identification

Trade name of product : MAXX PHAZER DURABLE FLOOR FINISH PART A

Product use : Floor care product

Product dilution information : 94.7% Part A with 5.3% Part B

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

Code : 913641-02

Date of issue : 07-March-2011

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 : CAUTION !

No specific hazard.

No specific hazard.

Product AT USE DILUTION

Liquid.

CAUTION !

MAY CAUSE EYE IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : No known significant effects or critical hazards.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Product AT USE DILUTION

Moderately irritating to eyes.

Slightly irritating to the skin. May cause sensitization by skin contact.

Slightly irritating to the respiratory system.

No known significant effects or critical hazards.

See toxicological information (section 11)

3. Composition/information on ingredients

Product AT USE DILUTION

Name

hexane, 1,6-diisocyanato-, homopolymer

CAS number

28182-81-2

% by weight

1 - 5

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

4. First aid measures

Product AS SOLD

Eye contact : No known effect after eye contact. Rinse with water for a few minutes.

Skin contact : No known effect after skin contact. Rinse with water for a few minutes.

Product AT USE DILUTION

In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.

4. First aid measures

Inhalation : No special measures required. Treat symptomatically.

Ingestion : Get medical attention if symptoms occur.

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

No special measures required. Treat symptomatically.

Get medical attention if symptoms occur.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : No specific data.

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.

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.

Product AT USE DILUTION

Use personal protective equipment as required.

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

Use a water rinse for final clean-up.

7. Handling and storage

Product AS SOLD

Handling : Wash thoroughly after handling.

Storage : Keep out of reach of children.

Store between the following temperatures: 5 and 40°C

Product AT USE DILUTION

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Keep out of reach of children. Store in a closed container.

8. Exposure controls/personal protection

Product AS SOLD

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection

Eyes : No protective equipment is needed under normal use conditions.

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.

Product AT USE DILUTION

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Safety eyewear should be used when there is a likelihood of exposure.

Use chemical-resistant, impervious gloves.

Use suitable protective equipment.

No special protection is required.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

9. Physical and chemical properties

	Product AS SOLD
Physical state	: Liquid.
Flash point	: > 100°C Product does not support combustion.
Color	: White
Odor	: Ammoniacal
pH	: 7 to 8.5 [Conc. (% w/w): 100%]
Boiling/condensation point	: 100°C (212°F)
Relative density	: 1.012 to 1.034
Viscosity	: Dynamic: 7 mPa·s (7 cP)

Product AT USE DILUTION

Liquid.
> 100°C
White
Ammoniacal
7 to 8.5

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.
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	: No known significant effects or critical hazards.
Skin	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Product AT USE DILUTION

Moderately irritating to eyes.
Slightly irritating to the skin. May cause sensitization by skin contact.
Slightly irritating to the respiratory system.
No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity	: Not reported
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13. Disposal considerations

	Product AS SOLD
Waste disposal	: Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

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 Classification Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

14. Transport information

Product AT USE DILUTION

Not intended for transport.

15. Regulatory information

Product AS SOLD

HCS : Not regulated.

Classification

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

CAS number

Concentration

Form R - Reporting requirements : No listed substance

California Prop. 65 : No listed substance

Product AT USE DILUTION

Irritating material
Sensitizing material

16. Other information

Product AS SOLD

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

Health	0
Flammability	0
Physical hazards	0

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

	0	Flammability
Health	0	0
		Instability/Reactivity
		Special

Product AT USE DILUTION

Health	1
Flammability	0
Physical hazards	0

	0	Flammability
Health	1	0
		Instability/Reactivity
		Special

Date of issue : 07-March-2011

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

Indicates information that has changed from previously issued version.

Notice to reader

16. Other information

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.**

Material Safety Data Sheet

MAXX DURABLE FLOOR FINISH PART B



1. Product and company identification

Trade name of product : MAXX DURABLE FLOOR FINISH PART B

Product use : Floor care product

Product dilution information : 94.7% Part A with 5.3% Part B

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

Code : 913652-01

Date of issue : 07-March-2011

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 RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
COMBUSTIBLE LIQUID AND VAPOR.
MAY CAUSE ALLERGIC SKIN REACTION.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Product AT USE DILUTION

Liquid.
CAUTION !

MAY CAUSE EYE IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.

Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : Severely irritating to eyes.

Skin : Irritating to skin. May cause sensitization by skin contact.

Inhalation : Irritating to respiratory system.

Ingestion : Irritating to mouth, throat and stomach.

Product AT USE DILUTION

Moderately irritating to eyes.

Slightly irritating to the skin. May cause sensitization by skin contact.

Slightly irritating to the respiratory system.

No known significant effects or critical hazards.

See toxicological information (section 11)

3. Composition/information on ingredients

Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
hexane, 1,6-diisocyanato-, homopolymer	28182-81-2	>50
Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	5 - 20
poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, phosphate	9046-01-9	5 - 20
cyclohexyldimethylamine	98-94-2	1 - 5

Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
hexane, 1,6-diisocyanato-, homopolymer	28182-81-2	1 - 5

3. Composition/information on ingredients

4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
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.	In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.
Skin contact	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	: If inhaled, remove to fresh air. Get medical attention if irritation persists.	No special measures required. Treat symptomatically.
Ingestion	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products

- : Decomposition products may include the following materials:
- carbon dioxide
 - carbon monoxide
 - nitrogen oxides
 - phosphorus oxides

Fire-fighting media and instructions

- : Use dry chemical, CO₂, water spray (fog) or foam.

Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff.

Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

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	Product AT USE DILUTION
Personal precautions	: Use personal protective equipment as required.	Use personal protective equipment as required.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods for cleaning up	: If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling	: Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage	: Keep out of reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Store in a closed container. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Do not store above the following temperature: 40°C	Keep out of reach of children. Store in a closed container.

8. Exposure controls/personal protection

	Product AS SOLD	Product AT USE DILUTION
Engineering measures	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protection		
Eyes	: Wear eye protection.	Safety eyewear should be used when there is a likelihood of exposure.
Hands	: Use chemical-resistant, impervious gloves.	Use chemical-resistant, impervious gloves.
Skin	: Use suitable protective equipment.	Use suitable protective equipment.
Respiratory	: Avoid breathing vapors, spray or mists.	No special protection is required.
Consult local authorities for acceptable exposure limits.		

9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Liquid.	Liquid.
Flash point	: 86 °C (Closed cup)	> 100°C
Color	: Colorless to light yellow	White
Odor	: Faint odor	Ammoniacal
pH	: 7 [Conc. (% w/w): 100%]	7 to 8.5
Relative density	: 1.062 to 1.15	

10. Stability and reactivity

Product AS SOLD	
Stability	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Reactivity	: Slightly reactive or incompatible with the following materials: organic materials, acids, alkalis and moisture.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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 : Irritating to skin. May cause sensitization by skin contact.

Inhalation : Irritating to respiratory system.

Ingestion : Irritating to mouth, throat and stomach.

Product AT USE DILUTION

Moderately irritating to eyes.

Slightly irritating to the skin. May cause sensitization by skin contact.

Slightly irritating to the respiratory system.

No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD

Waste disposal : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

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 Classification : Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

15. Regulatory information

Product AS SOLD

HCS Classification : Combustible liquid
Irritating material
Sensitizing material

Product AT USE DILUTION

Irritating material
Sensitizing material

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

CAS number

Concentration

Form R - Reporting requirements : No listed substance

California Prop. 65 : No listed substance

16. Other information

Product AS SOLD

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

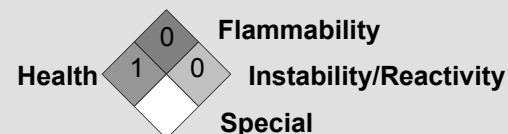
Health	2
Flammability	1
Physical hazards	0

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



Product AT USE DILUTION

Health	1
Flammability	0
Physical hazards	0



Date of issue : 07-March-2011
Responsible name : Regulatory Affairs
1-800-352-5326

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Notice to reader

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