

MATERIAL SAFETY DATA SHEET

Ashland

Page 001

Date Prepared: 07/06/00

Date Printed: 02/17/10

MSDS No: 503.0173318-007.002

MAC'S WATERLESS HAND CLEANER 12/13 OZ

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: MAC'S WATERLESS HAND CLEANER 12/13 OZ

SAP Material No: NM5000

General or Generic ID: HANDCLEANER

Company

Ashland  
Ashland Distribution Co. &  
Ashland Specialty Chemical Co.  
P. O. Box 2219  
Columbus, OH 43216  
614-790-3333

Emergency Telephone Number:

1-800-ASHLAND (1-800-274-5263)  
24 hours everyday

Regulatory Information Number:

1-800-325-3751

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
MINERAL OIL	8042-47-5	30.0- 60.0
SURFACTANT	9016-45-9	3.0- 7.0
PROPYLENE GLYCOL	57-55-6	1.0- 5.0

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3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

May cause mild eye irritation.

Skin

May cause mild skin irritation.

Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 002

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MAC'S WATERLESS HAND CLEANER 12/13 OZ

---

Inhalation

Breathing of vapor or mist is possible.

Symptoms of Exposure

stomach or intestinal upset (nausea, vomiting, diarrhea),  
irritation (nose, throat, airways).

Target Organ Effects

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals, and may aggravate preexisting disorders of these organs in humans: liver abnormalities, kidney damage.

Developmental Information

No data

Cancer Information

No data

Other Health Effects

No data

Primary Route(s) of Entry

No data

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4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 003

Date Prepared: 07/06/00

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MAC'S WATERLESS HAND CLEANER 12/13 OZ

---

Swallowing

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 3 - Swallowing) when deciding whether to induce vomiting.

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5. FIRE FIGHTING MEASURES

Flash Point

> 200.0 F (93.3 C) PMCC

Explosive Limit

(for component) Lower .9 %

Autoignition Temperature

No data

Hazardous Products of Combustion

May form: carbon dioxide and carbon monoxide, nitrogen compounds.

Fire and Explosion Hazards

No data

Extinguishing Media

regular foam, carbon dioxide, dry chemical.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 004

Date Prepared: 07/06/00

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Fire Fighting Instructions

Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health - 1, Flammability - 1, Reactivity - 0

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6. ACCIDENTAL RELEASE MEASURES

Small Spill

Sweep up material for disposal or recovery.

Large Spill

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Shovel material into containers. Remaining material may be taken up with sand, clay, earth, floor absorbent or other absorbent material and shoveled into containers.

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7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Not applicable

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Not required under normal conditions of use.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 005

Date Prepared: 07/06/00

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Skin Protection

Not normally required. Other protective equipment: not required under normal conditions of use.

Respiratory Protections

Not required under normal conditions of use.

Engineering Controls

Not required under normal conditions of use.

Exposure Guidelines

Component

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MINERAL OIL (8042-47-5)

No exposure limits established

SURFACTANT (9016-45-9)

No exposure limits established

PROPYLENE GLYCOL (57-55-6)

No exposure limits established

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9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

(for product) > 200.0 F (93.3 C) @ 760.00 mmHg

Vapor Pressure

(for product) 20.000 mmHg @ 68.00 F

Specific Vapor Density

.600 @ AIR=1

Specific Gravity

.820 @ 60.00 F

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 006

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---

Liquid Density

Not applicable

Percent Volatiles (Including Water)

No data

Evaporation Rate

< 1.00 (WATER)

Appearance

No data

State

SEMISOLID

Physical Form

GEL

Color

OPAQUE WHITE

Odor

No data

pH

8.5 - 9.5

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10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: carbon dioxide and carbon monoxide, nitrogen compounds.

Chemical Stability

Stable.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 007

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Incompatibility

Avoid contact with: strong oxidizing agents.

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11. TOXICOLOGICAL INFORMATION

No data

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12. ECOLOGICAL INFORMATION

No data

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13. DISPOSAL CONSIDERATION

Waste Management Information

Destroy by liquid incineration. Dispose of in accordance with all applicable local, state and federal regulations.

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14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

Not Regulated

Container/Mode:

CASES/SURFACE - NO EXCEPTIONS

NOS Component:

None

RQ (Reportable Quantity) - 49 CFR 172.101

Not applicable

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 008

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15. REGULATORY INFORMATION

US Federal Regulations

CERCLA RQ - 40 CFR 302.4

None

SARA 302 Components - 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class - 40 CFR 370.2

Immediate(X) Delayed(X) Fire( ) Reactive( ) Sudden  
Release of Pressure( )

SARA 313 Components - 40 CFR 372.65

None

International Regulations

Inventory Status

Not determined

State and Local Regulations

California Proposition 65

None

Pennsylvania RTK Label Information

1,2-PROPANEDIOL

57-55-6

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16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.