

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH

FLAMMABILITY

HMIS®

1

REACTIVITY

0

2

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

STEEL-ONE - Stainless Steel Cleaner & Polish Towels

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name

Ultra-Chem Inc.

Emergency Telephone Number

1-800-535-5053

Address (Number, Street, City, State, and ZIP Code)

8043 Flint

Telephone Number for Information

1-913-492-2929 ext 1053

Lenexa, Kansas 66214

Date Prepared

June 6, 2002

Signature of Preparer (Optional)

Regulatory Dept.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific

Chemical Identity, Common Name(s))

CAS No.

OSHA PEL

ACGIH-TLV

**Other Limits
Recommended**

% (Opt.)

C10-13 Isoparaffin

68551-17-7

5 mg/ m³ (mist)

5 mg/m³ (mist)

10 - 30%

Mineral oil

8042-47-5

5 mg/ m³ (mist)

5 mg/ m³ (mist)

15 - 40%

Isoparaffinic Hydrocarbon

64742-47-8

Not Established

Not Established

300 ppm
Manufacturer

30 - 60 %

This product does not contain any chemicals listed or present in concentrations requiring reporting under SARA Title III Sec. 313.

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point

Initial

310° F

Specific Gravity (H₂O = 1)

@70° F

0.797

Vapor Pressure (mm Hg @ 70° F)

No Data

Melting Point

No Data

Vapor Density (AIR= 1)

Greater than 1

Evaporation Rate (Butyl Acetate = 1)

No Data

Solubility in Water

Negligible

pH

Not
Applicable

Appearance and Odor

Clear colorless liquid with a lemon scent.

VOC's-- This product contains 183.5 grams per liter or 23% by weight VOC's.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

170 ° F (PMCC)

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media

Treat as an oil fire. Use carbon dioxide, dry chemical or foam.

Special Fire Fighting Procedures

Keep containers cool and vapors down with waterspray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.

Unusual Fire and Explosion Hazards

This product is a combustible material. It may be ignited by heat or flame, but will not ignite readily.

SECTION V - Reactivity Data

SECTION 4 - Reactivity Data			
Stability	Unstable		Conditions to Avoid - Ignition sources
	Stable	X	
Incompatibility (Materials to Avoid) - Strong oxidizers, alkalies, acids, and selected amines.			
Hazardous Decomposition or Byproducts - Oxides of carbon			
Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	No	Yes	Yes

Health Hazards (Acute and Chronic)

Danger. Wear rubber gloves. Contains petroleum distillates. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Keep away from ignition sources such as heat, sparks, open flame, etc. Keep container closed. Use only with adequate ventilation. Follow good chemical hygiene practices to avoid these hazards.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	No

Signs and Symptoms of Exposure - Redness tearing or burning in eyes. Red, dry or cracking skin. Nausea, diarrhea, vomiting. Drowsiness, dizziness, loss of coordination or fatigue possible.

Medical Conditions Generally Aggravated by Exposure

Pre-existing respiratory and skin disorders. Follow good chemical hygiene practices to avoid this hazard.

Emergency and First Aid Procedures

EYES - Immediately flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get medical attention. **INGESTION** - Call a physician or poison control center immediately. Do NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. **INHALATION** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **SKIN** - Immediately flush with plenty of water. Remove contaminated clothing and shoes. Call a physician if irritation develops and persist. Wash clothing before reuse.

SECTION VII - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled -**

Isolate traffic from area, caution slip hazard. For a small spill, pick up with a rag and be sure to remove all residues. For a large spill, dike to prevent spread then pick up with absorbent or vacuum. Put in suitable container for proper disposal.

Waste Disposal Method - Consult local, state, and federal regulations. Triple rinse empty container then offer for recycling, reuse, or reconditioning.

Precautions to be Taken in Handling and Storing - Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Do not swallow (aspiration hazard). Avoid inhaling vapors. Use with adequate ventilation. Do not deliberately concentrate or inhale vapors.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food, or feed by use or storage. Do not use around ignition sources such as heat, sparks, open flame, etc.

SECTION VIII - Control Measures**Respiratory Protection (Specify Type)**

Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Ventilation	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves -

Yes, impervious.

Eye Protection -

Yes, goggles or approved safety glasses (ANSI Z87)

Other Protective Clothing or Equipment

Not usually necessary. Use only if direct contact possible.

Work/Hygienic Practices

Normal. Wash or towel dry hands after use and before eating, drinking, smoking, using restrooms, etc.

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.