

HU-FRIEDY MFG. CO., INC.
3232 NORTH ROCKWELL STREET
CHICAGO, IL 60618
(773) 975-6100

MATERIAL SAFETY DATA SHEET
IMS DAILY CLEANER

SECTION I - IDENTIFICATION

Haemo-Sol Proprietary Name: High Suds HMIS RATINGS
Chemical Name: Health 1
DOT Proper Shipping Name: NA
DOT Hazard I.D. No.: NA Flammability 0
DOT Hazard Description: NA
DOT Hazard Label Required: NA Reactivity 0
Date of Issue: Sept. 1, 2001 4 = Severe Hazard
Supersedes MSDS dated: Sept. 21, 1998 3 = Serious Hazard
Prepared by: George Sas & 2 = Moderate Hazard
W. Hermann 1 = Slight Hazard
0 = Minimal Hazard

SECTION II - INGREDIENT INFORMATION

CHEMICAL/COMMON NAME	CAS NO.	WEIGHT %	ACGIH TLV (mg/m3)	OSHA PEL (mg/m3)
Sodium Sulfate	7757-82-6	2-5	NE	NE
Urea	57-13-6	5-10	NE	NE
Sodium Bicarbonate	144-55-8	10-20	NE	NE
Sodium Dodecylbenzenesulfonate	25155-30-0	5-10	NE	NE
Sodium Tripolyphosphate	7758-29-4	10-40	NE	NE
Sodium Carbonate	497-19-8	20-50	NE	NE
Carboxymethylcellulose	9004-32-4	0.5-1	NE	NE

*These materials are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Section 313 and 40 CFR Part 372.

SECTION III - PHYSICAL DATA

Boiling Point (F): NA Specific gravity (Water=1) NA
Vapor Pressure (mm Hg): NA Volatile by volume: NA
Vapor Density (air=1): NA Evaporation rate (Butyl Acetate=1) NA
Solubility in Water: Complete pH: 1%
10.5+0.5
Appearance and Odor: White, free flowing powder

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (F): NA Method used: NA
LEL (Lower explosion limit): NA
UEL (Upper explosion limit): NA
Extinguishing Media: CO2, H2O
Special Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION V - HEALTH HAZARD DATA

Threshold Limit Values: NA
Routes of Exposure: Eye or skin contact; ingestion
Effects of Overexposure: Acute: Eyes - may cause burns
Skin - will irritate
Ingestion - may cause burns or
GI upset.

CONTINUED ON OTHER SIDE.

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SECTION V - HEALTH HAZARD DATA (continued)

Emergency First Aid Procedures:

Eyes: Flush with water for at least 15 minutes. Get immediate medical attention.
Skin: Immediately flush with large quantities of water for at least 15 minutes. Consult a physician if irritation persists. For larger scale exposure, get immediate medical attention.
Ingestion: Have victim drink large quantities of water or milk to dilute the product.

DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

NOTE: Never give anything by mouth to an unconscious or convulsing victim.

SECTION VI - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None known
Incompatible Materials: None known
Hazardous Decomposition Products: None known
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

In case of large spillage, sweep up and discard in an approved disposal area or landfill. Any small spillage should be washed away.

Waste Disposal Method:

Neutralize with dilute acid, dispose in approved facility according to local, state, and federal regulations.

DISPOSER MUST COMPLY WITH ALL FEDERAL, STATE, AND LOCAL DISPOSAL AND DISCHARGE LAWS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use NIOSH approved dust respirator where dust occurs.
Ventilation: Local exhaust preferable.
Gloves: Rubber or neoprene gloves. Good practice.
Eye Protection: Safety goggles
Other Protective Equipment: Rubber apron. Head cover and water washable outerwear. Good practice.

SECTION IX - SPECIAL PRECAUTIONS

Precautions in Handling and Storage: Store in a cool, dry area. Use coveralls, rubber gloves.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.

NA=Not Applicable; NE=Not Established; ND=Not Determined for this product.

The information herein is given in good faith and is compiled from Material Safety Data Sheets furnished by our suppliers. No warranty, express or implied, is made or intended. Any use of this information must be determined by the user to be in accordance with applicable Federal, State, and local laws and regulations.