

MSDS 1969/1970

MATERIAL SAFETY DATA SHEET

09/1/02

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1. THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD) IMPORTANT: Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT CODE: 1969/1970
TRADE NAMES: INSTANT POWER HAIR & GREASE DRAIN OPENER
COMPANY IDENTITY: SCOTCH CORPORATION
COMPANY ADDRESS: 617 E. TENTH ST.
COMPANY CITY: DALLAS, TX 75203
COMPANY PHONE: 1-214-943-4605
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS: 45-55% SODIUM HYDROXIDE* (1310-73-2),
45-55% WATER (7732-18-5),
0-10% POTASSIUM HYDROXIDE* (1310-58-3)

SECTION 3. HAZARDS IDENTIFICATION

RISK STATEMENTS:
R34 Causes burns.
SAFETY STATEMENTS:
S24 Avoid contact with skin.
S25 Avoid contact with eyes.

SECTION 4. FIRST AID MEASURES**EYE CONTACT:**

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.

INGESTION:

If swallowed, Do NOT induce vomiting. Have patient lie down & keep warm. Vomiting may lead to severe damage to esophagus which may be fatal. Give large amounts of water. Give at least one ounce of vinegar or lemon juice in an equal amount of water. Never give anything by mouth to an unconscious person. CALL A PHYSICIAN.

SECTION 5. FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA**

NFPA Class B extinguishers (Carbon Dioxide or foam) for Class liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION & FIRE HAZARDS:**Noncombustible.**

Keep container tightly closed.
Isolate from acids.
Closed containers may rupture if exposed to extreme heat.
Applying to hot surfaces requires special precautions.

SECTION 6. ACCIDENTAL RELEASE MEASURES**CONTAINMENT TECHNIQUES**

Stop spill at source. Dike area & contain.

CLEAN-UP PROCEDURES:

Neutralize with weak acid & dilute with plenty of water. Pump spilled liquid & put contaminated soil in DOT approved containers for disposal. Label immediately. Clean up remainder with absorbent materials. Wet down with plenty of water & remove immediately

SECTION 7. HANDLING AND STORAGE**HANDLING**

Use only with adequate ventilation.
Do not get in eyes, on skin or clothing.
Wear OSHA Standard full face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

STORAGE

Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage.
Wear full face shield, gloves & full protective clothing when opening or handling. When empty, drain completely, replace bungs securely.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**EXPOSURE CONTROLS**

None necessary.

VENTILATION

LOCAL EXHAUST	: Necessary
MECHANICAL (GENERAL)	: Necessary
SPECIAL	: None
OTHER	: None

PERSONAL PROTECTIONS:

Wear OSHA Standard full face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.
Wash at end of each workshift & before eating, smoking or using the toilet.
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

SECTION 9. PHYSICAL DATA

APPEARANCE :	Liquid, Water-White		
ODOR :	None		
BOILING RANGE :	Not Applicable		
AUTO IGNITION TEMPERATURE :	Not Applicable		
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable		
FLASH POINT (TEST METHOD):	Not Applicable		
FLAMMABILITY CLASSIFICATION:	Non-Combustible		
GRAVITY @ 60 F :			
SPECIFIC GRAVITY (Water=1) :	1.53		
POUNDS/GALLON :	12.76		
VOC'S (>0.44 Lbs/Sq In) :	0.0 Vol. % /	0.0 g/L /	0.000 Lbs/Gal
TOTAL VOC'S (TVOC) :	0.0 Vol. % /	0.0 g/L /	0.000 Lbs/Gal
NONEXEMPT VOC'S (CVOC) :	0.0 Vol. % /	0.0 g/L /	0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS) :	0.0 Wt. % /	0.0 g/L /	0.000 Lbs/Gal
VAPOR PRESSURE (mm of Hg)@20 C	17.5		
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0		
VAPOR DENSITY (air=1) :	.6		
WATER ABSORPTION :	Complete		
pH (Neutrality) :	14.0		

SECTION 10. STABILITY & REACTIVITY**STABILITY**

Stable

CONDITIONS TO AVOID

Isolate from acids.

MATERIALS TO AVOID

Isolate from strong oxidizers such as permanganates, chromates & peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS

Sodium Oxide & Hydroxide ,

Potassium Oxide & Hydroxide from heating.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Sodium Hydroxide*	1310-73-2	None Known	None Known	No
Water	7732-18-5	9999 ppm	9999 ppm	No
Potassium Hydroxide*	1310-58-3	None Known	None Known	No

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

MATERIAL	CAS #	CEILING	STEL (OSHA/ACGIH)
Sodium Hydroxide*	1310-73-2	2 ppm	None Known
Potassium Hydroxide*	1310-58-3	2 ppm	None Known

ACUTE HAZARDS**EYE & SKIN CONTACT:**

Severe burns to skin, defatting, dermatitis.
Severe burns to eyes, redness, tearing, blurred vision.
Liquid can cause Severe skin & eye burns . Wash thoroughly after handling.

INHALATION:

Severe respiratory tract irritation may occur. Vapor harmful.

INGESTION:

Harmful or fatal if swallowed.

SUBCHRONIC HAZARDS/CONDITIONS AGGREGATED

CONDITIONS AGGREGATED: None Known.

CHRONIC HAZARDS**CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

SECTION 12. ECOLOGICAL INFORMATION**MAMMALIAN INFORMATION:**

No mammalian information is available on this product.

AQUATIC ANIMAL INFORMATION:

No aquatic environmental information is available on this product.

MOBILITY

Mobility of this material has not been determined.

DEGRADABILITY

This product is partially biodegradable.

ACCUMULATION

Bioaccumulation of this product has not been determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws.

If questions exist, contact the appropriate agencies.

SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Corrosive Liquid, basic, inorganic, n.o.s. (Sodium Hydroxide, Potassium Hydroxide), 8, UN3266, PG-II

EMERGENCY RESPONSE GUIDEBOOK NUMBER: 154

SECTION 15. REGULATORY INFORMATION

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health

All components of this product are on the TSCA list.
This material contains no known products restricted under SARA Title III,
Section 313 in amounts greater or equal to 1%.

SECTION 15. REGULATORY INFORMATION (CONTINUED)

SARA TITLE III INGREDIENTS	CAS#	WT. % (REG. SECTION)	RQ (LBS)
Sodium Hydroxide*	1310-73-2	52 (311,312)	1000

STATE REGULATIONS:**INTERNATIONAL REGULATIONS**

The components of this product are listed on the chemical inventories of the following countries:
Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:
HEALTH (NFPA): 3
HEALTH (HMIS): 3
FLAMMABILITY: 0
REACTIVITY: 1

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.