MATERIAL SAFETY DATA SHEET

THE FLOOD COMPANY P.O.BOX 2535 HUDSON OHIO 44236-0035
PH: 1-800-321-3444 FAX: 330-650-1453

RESTORA
CONCENTRATED HEAVY DUTY VINYL CLEANER

SECTION I - PRODUCT IDENTIFICATION

NAME OF MANUFACTURER	The Flood Company 1212 Barlow Road P.O. Box 2535 Hudson, Ohio 44236-0035 U.S.A.
EMERGENCY TELEPHONE NO.	800-321-3444 or your local poison control center
TRANSPORTATION	Chemtrec 800-424-9300 (24 hours)
PRODUCT NAME	RESTORA CONCENTRATED HEAVY DUTY VINYL CLEANER
PRODUCT CLASS	Cleaner, aqueous
DATE OF PREPARATION/CHANGE	10/5/05
PREPARED BY	Safety & Compliance Officer

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT Chemical Name Common Name	PER-CENT	OCCUPATIONAL EXPOSURE LIMIT TLV PEL	VAPOR PRESSURE	LD50 ORAL -RAT	LC50 IHL -RAT
Sodium Hydroxide Caustic Soda CAS # 1310-73-2	< 5.0	N/A 2 mg/m^3	1 mm @ 739°C	N/A	Not Available

SECTION III - PHYSICAL DATA

BOILING RANGE	100°C (212°F)
VAPOR DENSITY	N/A
EVAPORATION RATE	NOT AVAILABLE
VOLATILE VOLUME	97.89%
WEIGHT/GALLON	8.66 LBS/GAL
PHYSICAL STATE	CLEAR LIQUID
APPEARANCE & ODOR	Pine odor
ODOR THRESHOLD	NOT AVAILABLE
FREEZING POINT	0°C (32°F)
pH	11.78

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F LEL: - N/A
EXTINGUISHING MEDIA: ( ) FOAM (X) ALCOHOL FOAM (X) CO2
(X)DRY CHEMICAL (X) WATER FOG ( ) OTHER
UPPER FLAMMABLE LIMIT: NOT AVAILABLE
LOWER FLAMMABLE LIMIT: NOT AVAILABLE
UNUSUAL FIRE AND EXPLOSION HAZARDS: Decompose exothermically when heated to 230C and release explosive hydrogen gas.
SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool containers exposed to fire. It is recommended to wear SCBA when fighting any type of fire.

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SECTION V - TRANSPORTATION DATA

DOT	SHIPPING NAME:	Compounds, Cleaning Liquid, (Sodium hydroxide),
	UN NUMBER:	NA 1760
	HAZARD CLASS:	8
	PACKING GROUP:	II

SECTION VI - TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE

SKIN: Can cause severe irritation, severe dermatitis, and burns.
EYE: Can cause severe irritation and burns.
INHALATION: May be irritating to the nose, mouth and lungs. May cause burns to respiratory tract which can result in shortness in breath, wheezing, choking, chest pain, and impairment of lung function.
SWALLOWING: Can cause severe irritation and burns. Results in severe damage to tissue and mucous membranes including burns of the mouth, throat, stomach and entire gastrointestinal tract. May be fatal if swallowed. May produce central nervous system depression including headache, nausea, dizziness. Repeated excessive oral exposures may cause severe gastrointestinal effects.

None of the ingredients of this mixture are listed as a carcinogen or potential carcinogen by the National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Preexisting eye, skin, respiratory disorders and sensitivity to glycol ethers may be aggravated by exposure to this product.
PRIMARY ROUTE (S) OF ENTRY: (X) DERMAL (X) INHALATION (X) INGESTION (X) EYE

SECTION VII - FIRST AID PROCEDURES

SKIN: Immediately flush area with large amounts of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.
EYE: Flush immediately with large amount of water for at least 15 minutes while holding eyelids open. Get medical attention at once.
INHALATION: Remove victim to fresh air. Seek medical attention if symptoms persist.
SWALLOWING: Immediately drink large quantities of water. **DO NOT INDUCE VOMITING.** DO NOT give anything by mouth if the person is unconscious or having convulsions. **Get medical attention immediately.**

SECTION VIII - REACTIVITY DATA

STABILITY: ( ) UNSTABLE (X) STABLE
HAZARDOUS POLYMERIZATION: ( ) MAY OCCUR (X) WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials such as carbon monoxide, carbon dioxide.
CONDITIONS TO AVOID: Keep away from acids. Extreme heat or cold.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, strong oxidizing agents, reducing agents.

SECTION IX - SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent to pick up residue (saw dust, sand, commercial absorbents).
WASTE DISPOSAL METHOD: Dispose of according to all federal, state, and local regulations.

SECTION X - PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: Not needed under normal exposure. If vapors, mists, or aerosols are generated, wear a NIOSH/MSHA approved respirator in accordance with OSHA Standard 29 CFR 1900.134.
VENTILATION: Use adequate ventilation.
PROTECTIVE GLOVES: Chemical resistant gloves or other clothing as needed to minimize contact.
EYE PROTECTION: Safety goggles, splash protection. Splashes in eyes should be thoroughly rinsed with water, see physician at once.
OTHER PROTECTIVE EQUIPMENT: Avoid skin contact, protect all areas of skin, eyes and mucous membranes from contact. Rinse thoroughly with water in case of contact and immediately after use.
HYGIENIC PRACTICES: Wash hands with soap and water thoroughly after use.

SECTION XI - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Store in a cool dry place. Do not freeze. Do not store in aluminum containers.

SECTION 313 - SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS#	Chemical Name	% by Weight
None	None	

This information is furnished without warranty, except it is accurate to the best of The Flood Company's knowledge or obtained from sources believed to be accurate. This information is not to be construed as representation for which The Flood Company assumes legal responsibility expressed or implied.

Last update : 8-15-05 new
Revisions: Name correction