

CLEANING SUPPLY NETWORK
165 Chaseville Street Pensacola, FL 32507
MATERIAL SAFETY DATA SHEET

TRANSPORTATION EMERGENCY CALL CHEMTREC: 800-424-9300

ND-Not Determined NA-Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: FLUX

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	EXPOSURE LIMIT
Sodium Hydroxide	1310-73-2	
2-Butoxyethanol	111-76-2	
Proprietary blend of cationic surfactants		

SECTION 3 - PHYSICAL INFORMATION

PHYSICAL FORM:	Clear to amber liquid	BOILING POINT:	100°C (212°F)
ODOR:	Mild detergent	FREEZING POINT:	0°C (32°F)
pH:	12.5	SPECIFIC GRAVITY:	1.02
SOLUBILITY IN WATER:	Complete	VAPOR PRESSURE:	N/D

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N/A
FLAMMABLE: UPPER EXPOSURE LIMIT N/A LOWER EXPOSURE LIMIT N/A
EXTINGUISHING MEDIA: CO2, Dry Chemical, Foam, Water Fog
SPECIAL FIRE FIGHTING PROCEDURES: None Known
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known
PROTECTIVE CLOTHING: Be sure to use an approved/certified respirator or equivalent.

SECTION 5 - HUMAN HEALTH DATA

PRIMARY ROUTES OF EXPOSURE: Eyes, Skin, Inhalation, Ingestion
May cause irritation to the eyes. Prolonged contact may cause irritation and redness. Inhalation of mists may be irritating to the respiratory system. Ingestion of large amounts may produce gastrointestinal disturbances.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable under normal conditions.
INCOMPATIBILITIES: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION: Thermal decomposition may yield Oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7 - FIRST AID PROCEDURES

INHALATION: If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
INGESTION: If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.
SKIN CONTACT: For skin contact flush with large amounts of water. If irritation persists, get medical attention.
EYE CONTACT: Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists, get medical attention.

SECTION 8 - SPECIAL PROTECTION RECOMMENDATIONS

ENGINEERING CONTROLS: Local exhaust ventilation recommended.
RESPIRATORY PROTECTION: Where excess concentration of product is expected, a NIOSH approved air supplied respirator is advised in absence of proper environmental control.
EYE PROTECTION: Splash proof goggles where possible eye contamination exists.
SKIN PROTECTION: Wear rubber gloves that are chemically resistant to this product.
OTHER PROTECTIVE CLOTHING/MEASURES: Wear boots, gloves, apron, etc. sufficient to prevent bodily contact. Eye bath and safety shower should be available.
HYGIENIC PRACTICES: Avoid contact with eyes, skin and clothing. Avoid inhalation of contaminant. Wash thoroughly after handling. Do not eat, drink, use tobacco products, chew gum or apply cosmetics in area where there is potential for exposure to this material.

SECTION 9 - SPILL AND LEAK PROCEDURES

SPILL/LEAK RESPONSE: SMALL SPILL: Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material.
LARGE SPILL: Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dyke area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent or other absorbent material and shoveled into containers.
WASTE DISPOSAL: Biodegradable product. Deposit spills in a landfill in accordance with local, state and federal regulations.

SECTION 10 - SPECIAL STORAGE AND HANDLING DATA

STORAGE TEMP: Keep from freezing. Keep container closed when not in use.
HANDLING/STORAGE: Do not take internally. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is potential for exposure to the material. Avoid contact with eyes, skin and clothing. Avoid inhalation of dusts or vapors. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling.