

**MATERIAL SAFETY
DATA SHEET**

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SUPER FLUSH

THIS MSDS COMPLIES WITH 29 CFR 1900.1200

SECTION 1 - IDENTITY/EMERGENCY INFORMATION

PRODUCT NAME:	SUPER FLUSH	PRODUCT CODES: 55032
CHEMICAL NAME:	MIXTURE	55128
CHEMICAL FORMULA:	MIXTURE	55055

IN CASE OF AN EMERGENCY CALL 1-800-255-3924

SECTION 2 - INGREDIENTS (HAZARDOUS)

COMPONENTS	CAS NO.	PEL/TLV - SOURCE
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	100 ppm TWA, 150 ppm STEL (OSHA,ACGIH)
PROPYLENE GLYCOL BUTYL ETHER	5131-66-8	NOT ESTABLISHED

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U.S. TSCA INVENTORY OR ARE EXEMPT FROM TSCA INVENTORY REQUIREMENTS.

SECTION 3 - PHYSICAL DATA

pH : NOT APPLICABLE, NON AQUEOUS

VAPOR DENSITY (AIR = 1): ND

SPECIFIC GRAVITY (H₂O = 1): 0.91 - 0.92

POUNDS PER GALLON: 7.6 - 7.7

SOLUBILITY OF WATER IN PRODUCT: >100g / 100g PRODUCT

APPEARANCE AND ODOR: CLEAR COLORLESS LIQUID. SLIGHT ETHER ODOR.

% VOLATILE (BY WEIGHT): 99+

FREEZE POINT: < -100° F

% VOLATILE ORGANIC COMPOUNDS: 99+

INITIAL BOILING POINT: 340° F

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 71.1° C (160° F) (ASTM D - 93)

EXTINGUISHING MEDIA: USE ALCOHOL FOAM, CARBON DIOXIDE OR DRY CHEMICAL EXTINGUISHING MEDIA.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID ALL SOURCES OF IGNITION - HEAT, SPARKS, OPEN FLAME. VAPORS ARE HEAVIER THAN AIR.

HAZARD RATING: HEALTH - 1 FLAMMABILITY - 2 REACTIVITY - 0

SECTION 5 - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS. HAZARDOUS DECOMPOSITION OR BYPRODUCTS: UNDER FIRE CONDITIONS: FUMES, SMOKE,

CARBON DIOXIDE, CARBON MONOXIDE, AND OTHER DECOMPOSITION PRODUCTS.

SECTION 6 - HEALTH HAZARD DATA

CARCINOGENICITY: NOT LISTED FOR ANY COMPONENT AT 0.1% OR GREATER.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, ABSORPTION, EYE CONTACT, INHALATION

FIRST AID PROCEDURES:

SKIN CONTACT: THOROUGHLY WASH THE EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

INGESTION: IMMEDIATELY DRINK A LARGE AMOUNT OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION.

SECTION 7 - SPECIAL PRECAUTIONS

RESPIRATORY PROTECTION: IF WORK PLACE EXPOSURE LIMIT(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION 2). A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL

ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS NEOPRENE.

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING OR BOOTS.

SECTION 8 - ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL OR LARGE SPILL: SPILL SHOULD BE CONTAINED AND PLACED IN SUITABLE CONTAINER FOR DISPOSAL.

WASTE DISPOSAL METHOD:
SMALL SPILL OR LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

EPA REGULATION CFR 302 (CERCLA SECTION 102):
NOT REGULATED

EPA REGULATION CFR 355 (SARA SECTION 301-302):
NO THRESHOLD PLANNING QUANTITY FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

EPA REGULATION 40 CFR 372 (SARA SECTION 313)
NOT REGULATED

EPA REGULATION 40 CFR 370 (SARA SECTIONS 311 - 312)
NOT REGULATED

SECTION 9 - SHIPPING INFORMATION

DOT (49 CFR 172): NOT REGULATED

BILL OF LADING: CLEANING COMPOUND IT 48580 S3

POISON CONSTITUENT : NONE

MARINE POLLUTANT: NO

DATE PREPARED: **02/01/98**

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