

# MATERIAL SAFETY DATA SHEET

(C)

Complies with OSHA's 29 CFR  
1910.1200 and State Hazard  
Communication Standards.

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## SECTION 1

PRODUCT IDENTITY: FLO-SPRAY PLUS, Dust Mop Treatment

*7.90 gal.*

DATE PREPARED: 11/22/88

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)  
Health: 2/2      Fire: 2/2      Reactivity: 0/0      Special: NA

## SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
Petroleum distillates	8030-30-6	500 ppm	300 ppm	50 min.
Mineral oil (as mist)	8012-85-1	5 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>	25 max.

## SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: range 348-650°F      SPECIFIC GRAVITY: 0.765  
VAPOR PRESSURE: 10 mm Hg max.      PERCENT VOLATILE: 98  
VAPOR DENSITY (air = 1): 6.4 max.      EVAPORATION RATE: 0.1 max (n-BuAC = 1)  
SOLUBILITY IN WATER: Emulsifiable      pH: NA

APPEARANCE AND ODOR: Water clear liquid; fruity fragrance

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 125°F typical (TCC)      FLAMMABLE LIMITS: Lel 0.6%; Uel 6.5%  
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, water fog or mist.  
SPECIAL FIREFIGHTING PROCEDURES: Use air-supplied breathing equipment in enclosed areas. Avoid breathing vapors or fumes. Cool exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: As for combustible material. Vapors are heavier than air and may accumulate in low or poorly ventilated areas, or travel along the ground to sources of ignition. Empty containers may retain product residues. Do not cut or weld on or near containers.

## SECTION 5: REACTIVITY DATA

STABILITY: Stable      HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: Open flames and excessive heat.  
INCOMPATIBILITY: Strong acids and oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion produces fumes, smoke and carbon monoxide.

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## SECTION 6: HEALTH HAZARD DATA

**ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE:** ACUTE: Eye irritant. Prolonged skin contact can cause irritation or dermatitis. Inhalation of spray mist or vapors may cause dizziness, headache, nausea; respiratory irritation.

**CHRONIC EFFECTS:** Possible dermatitis.

**CARCINOGENS:** None under OSHA, NTP or IARC. Mineral oil component does not require a cancer hazard warning because it is formulated from base stocks which are severely hydrotreated.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Respiratory (from inhalation).

**EMERGENCY AND FIRST AID PROCEDURES:** Eye or skin: immediately flush with water for 15 minutes. Remove contaminated clothing. Inhalation: remove to fresh air. Ingestion: DO NOT INDUCE VOMITING. Drink several glasses of water and milk. Get medical attention for eye, ingestion, or if irritation persists.

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

**SPILL OR LEAK PROCEDURES:** Remove all ignition sources. Ventilate area and use appropriate protective equipment. **SMALL SPILLS:** Mop or soak up and remove residue out of doors. **LARGE SPILLS:** Exclude from area persons without protective equipment. Dike to contain liquid, recover all possible. Soak up remainder on inert absorbent and place in closed containers.

**WASTE DISPOSAL METHOD:** Dispose of as petroleum solvent in accordance with Federal, State and local regulations.

**HANDLING AND STORING:** Use adequate ventilation. Avoid breathing mists or vapors. Do not store or handle near heat, sparks, flame or strong oxidants. Store only in original container and keep closed. Do not reuse empty container.

**OTHER PRECAUTIONS:** Avoid prolonged or repeated skin contact. Do not wear clothing soaked with product. Launder contaminated clothing before reuse.

## SECTION 8: CONTROL MEASURES

**RESPIRATORY PROTECTION:** Use NIOSH approved respirator if mist or vapor in air exceeds PEL or TLV.

**VENTILATION:** Face velocity 60 cfm if mist or vapor in air. Use explosion proof equipment.

**GLOVES:** Rubber or plastic.

**EYE PROTECTION:** Safety goggles.

**OTHER PROTECTIVE EQUIPMENT:** As needed to prevent prolonged or repeated skin contact.

**WORK/HYGIENIC PRACTICES:** Wash skin thoroughly after handling.

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

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