

M A T E R I A L S A F E T Y D A T A S H E E T

DP 99

SPRAY DEGALVANIZER

Page: 2

PRECAUTIONS

SPECIAL PRECAUTIONS: Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

VENTILATION: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

WORK / HYGENIC PRACTICES: Source of clean water should be available for flushing eyes and washing skin. Wash thoroughly after handling any chemicals, especially before eating, drinking, or smoking. Remove and launder contaminated clothing before reuse. Store contaminated clothing in well-ventilated cabinets or closed containers. Discard grossly contaminated clothing.

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): WARNING: This product contains a chemical(s) known to the State of California to cause cancer, birth defects, and other reproductive harm.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: LEVEL 3 AEROSOL

AUTOIGNITION TEMPERATURE: N/E

FLAMMABLE LIMITS IN AIR BY VOLUME – LOWER: N/D

UPPER: N/D

EXTINGUISHING MEDIA: Use NFPA Class B fire extinguishers such as carbon dioxide, dry chemical or halogenated extinguishing agent designed to extinguish flammable liquid fires. Polymer foam is preferred for large fires. Stop gas flow before attempting to extinguish fires.

FIRE FIGHTING: Use water spray to cool fire-exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boiling over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

SPECIAL FIRE FIGHTING PROCEDURES: Gas fires should not be extinguished unless the gas flow can be stopped immediately. Allow the fire to burn itself out. If the source cannot be shut off immediately, all equipment and surfaces exposed to the fire should be cooled with water to prevent over-heating, flashbacks, or explosions. Control fire until gas supply can be shut off. Use proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible.

FIRE AND EXPLOSION HAZARDS: This product releases Flammable Vapors at well below ambient temperatures and readily forms flammable mixtures with air exposed to an ignition source. It will burn in the open or be explosive in confined spaces. Its vapors are heavier than air and may travel long distances to a point of ignition, and then flash back. Alkaline/chlorine gas mixtures have produced explosions.

SECTION V – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE CONTAINER IS PUCTURED AND MATERIAL IS RELEASED: Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING, STORAGE, AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: When utilizing containers follow standard safety practices for handling chemicals. Store in a cool dry, well ventilated area. Do not store at temperatures above 120° F. Do not spray near flame or hot surfaces. Do not incinerate, crush, or puncture containers. Exposure to direct sunlight or other sources of heat may cause containers to rupture or explode. Odor is not an adequate warning of potentially hazardous concentrations in air. Releases of these gases may cause a flammable atmosphere with explosion potential. Avoid unnecessary, prolonged, or repeated contact with this and any other chemical.

PRECAUTIONARY STATEMENTS: Please read and follow the directions on the product label. They are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

M A T E R I A L S A F E T Y D A T A S H E E T

DP 99 SPRAY DEGALVANIZER

Page: 3

OTHER PRECAUTIONS: THIS PRODUCT IS INTENDED TO BE USED ONLY BY THE PROFESSIONAL (INDUSTRIAL) APPLICATOR UNDER PROPERLY CONTROLLED CONDITIONS. THE USE OF THIS PRODUCT IN CONFINED AREAS MAY RESULT IN DANGEROUS AIRBORNE CONCENTRATIONS. THIS MAY CAUSE THE SERIOUS HEALTH EFFECTS DESCRIBED IN SECTION III OF THE MSDS. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

===== **SECTION VII – EXPOSURE CONTROLS** =====

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

GLOVES: Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT: Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well-ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

===== **SECTION VIII - PHYSICAL / CHEMICAL CHARACTERISTICS** =====

PHYSICAL FORM: Oil-Solvent Spray
ODOR: Organic Solvent Odor
SOLUBILITY IN WATER: Nil
BOILING POINT: Not Determined
V.O.C (g/l): Not Determined

COLOR: Translucent
pH: Not Applicable
SPECIFIC GRAVITY (H₂O=1): Liquid 0.7 – 0.75
VAPOR PRESSURE: <85 psi at 65°F
VAPOR DENSITY: Not Determined

===== **SECTION IX – STABILITY AND REACTIVITY DATA** =====

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Open flames, sources of ignition, high heat, welding arcs or other high temperature sources (above 130°F).

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials on thermal decomposition including carbon monoxide, carbon dioxide, various hydrocarbons, and smoke.

===== **SECTION X –ADDITIONAL COMMENTS** =====

Consumer Product Safety Act Certification: This product is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at 3137 26th St., Los Angeles, CA 90023. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above-mentioned regulation.

===== **SECTION XII –DISCLAIMER** =====

The information and recommendations set forth herein are believed to be accurate as of the date hereof. Because the information on this MSDS is derived from information provided to Design Polymerics from its suppliers, and because Design Polymerics has no control over the conditions of handling and use, Design Polymerics makes no warranty, express or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Design Polymerics assumes no responsibility from use or reliance thereon. It is the responsibility of the user of Design Polymerics products to make his own determination of the suitability of the material for his particular purpose and to comply with all applicable Federal, State and Local Laws and Regulations.