
MSDS-PULL OUT PREMIUM

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION (03-06)

Product Name: **PULL OUT PREMIUM**

(REPLACES PULL OUT ENVIRO)

Chemical Family: Mixed solvents

Development: Developed to replace aerosol powdered spot remover sprays that contain methylene chloride, perchlorethylene, trichlorethylene and other chlorinated solvents. THIS PRODUCT HAS BEEN FORUMLATED IN SUCH A MANNER THAT IT NOW DOES NOT CONTAIN CHLORINATED SOLVENTS AND IS THEREFORE MUCH LOWER IN TOXICITY TO HUMANS.

Latest Revision Date: 03-06

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS Exposure limits CAS #

Ingredient % by Weight ACGIH TLV

Heptane 70-80 400 142-82-5

Isobutane 20-30 1000 75-28-5

Propane 10-20 800 74-98-6

Non-Hazardous components:

Fumed silicas

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372. SEE SECTION X FOR SPECIFIC MATERIALS

SECTION III - PHYSICAL DATA

Boiling Point: Specific Gravity (Water = 1):

98 Degrees C Concentrate: 0.68

Vapor Pressure: Percent Volatile By Wt.: &! nbsp;

30-40psig@70°F >95

Vapor Density (AIR = 1): Evaporation Rate (Ethyl Ether = 1):

> 1 > 1

Solubility in Water:

Insoluble

Appearance/Odor: White opaque dispersion with hydrocarbon odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: Slightly flammable. < 5" flame extension.

Flash Point: Flammable Limits: LEL: UEL:

- 145°F (propellant) . Not est. Not est.

Special Fire Fighting Procedures:

WHEN FIGHTING A FIRE: Wear NIOSH approved self contained breathing apparatus. Keep containers cool with water fog to prevent bursting.

Extinguishing Media:

Foam, CO 2, Dry chemical

Unusual Fire and Explosion Hazards:

Flammable propellant.

SECTION V - HEALTH HAZARD DATA

Primary Route(s) of Entry:

Inhalation ? ___yes Dermal ? ___yes Ingestion ? ___yes

Effects of **Overexposure**:

EYES: Burning, redness, tearing.

SKIN: redness, irritation, dryness, defatting.

INHALATION: Typically at concentrations exceeding the recommended exposure limits, dizziness, drowsiness, headache. Overexposure to very high concentrations (poorly ventilated areas) of vapor can lead to unconsciousness, and possibly death due to asphyxiation.

INGESTION: Swallowing larger amounts may cause injury. Symptoms include nausea, vomiting, diahorea, drowsiness. Aspiration into lungs may cause injury to other body systems (Chemical Pneumonitis).

Emergency and First Aid Procedures:

EYES: Flush with water for 15 minutes, lifting upper and lower eyelids. Get medical attention if irritation persists.

SKIN: Wash with soap and water. Remove and clean contaminated clothing and shoes.

INHALATION: If symptoms develop, immediately remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen.

INGESTION: Get immediate medical attention or transport to an emergency facility. Do not leave victim unattended.

SECTION VI - REACTIVITY DATA

Stability: Conditions To Avoid:

Stable Sources of ignition. Temperatures exceeding 120 Deg. F. Strong oxidizing agents. Strong acids, alkalis.

Hazardous Decomposition Byproducts:

Hydrofluoric and hydrochloric acids.

Incompatibility:

Strong oxidizing agents

Hazardous Polymerization: Will not occur.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled:

Eliminate all sources of ignition. Ventilate area. WHEN FIGHTING A FIRE: Wear NIOSH approved self-contained breathing apparatus if TLV is exceeded. Large spills are unlikely due to container size. Soak up with oil absorbent material and place in a closed container for disposal.

Waste Disposal Method:

Dispose of in accordance with all local, state, and Federal regulations. Do not landfill liquid.

Precautions To Be Taken In Handling And Storing:

Use only in well ventilated areas sufficient to maintain vapor concentration below lowest listed TLV. Avoid breathing of vapors or spray mist. Keep out of reach of children. Do not smoke while using. Keep container tightly sealed. Toxic vapors!

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:

WHEN FIGHTING A FIRE, OR IF THE TLV IS EXCEEDED WEAR NIOSH approved self-contained breathing apparatus if TLV is exceeded.

Ventilation:

Sufficient to maintain vapor concentrations well below TLV. (20ppm).

Protective Gloves: UNNECESSARY UNLESS SOLVENT IS COMING INTO DIRECT CONTACT WITH HANDS
IF THERE IS CONTACT, MORE THAN JUST OCCASIONAL, USE Solvent resistant gloves.

Eye Protection:

BECAUSE THIS PRODUCT IS AN AEROSOL, THERE IS GENERALLY NO NEED FOR "SAFETY GOGGLES", HOWEVER, IF THERE IS A POSSIBILITY OF THE CHEMICAL BEING SPRAYED DIRECTLY INTO THE EYE, USE Chemical splash-proof goggles or other OSHA approved eyewear

Other Protective Clothing and Equipment: NONE IS NECESSARY WHEN USING AN "AEROSOL" PRODUCT, HOWEVER, IF THE PRODUCT IS SPRAYED ONTO CLOTHING THAT YOU ARE WEARING, WE SUGGEST WEARING: Impervious clothing and boots

SECTION IX - SPECIAL PRECAUTIONS

Use only in well ventilated areas. Avoid breathing of vapors. Do not use or store around sources of ignition, heat, sparks, or open flames. Do not smoke while using. Keep out of reach of children. Intentional misuse by concentrating and inhaling contents can be harmful or fatal.

SECTION X - SUPPLEMENTARY INFORMATION

RATING SCALE

0 = Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

HMIS Classification:

Health ____2 Flammability ____2 Reactivity ____ 0

NFPA Classification:0

Health: ____2 Reactivity: ____0 Fire: ____2 Special: ____NA

PERIODICALLY USER SHOULD REQUEST NEW MSDS TO ASSURE IT MATCHES CURRENT FORMULATION.

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