

# VIRGINIA D10e DEGREASING SOLVENT

Material Safety Data Sheet

## SECTION I - COMPANY IDENTIFICATION

**PRODUCT:** D10e - Degreasing Solvent Aerosol

**CAT. NO.:** D10e14

**MANUFACTURED BY:**

Virginia KMP Corporation  
4100 Platinum Way  
Dallas, Texas 75237

**TELEPHONE NUMBERS:**

Office: 1-(214) 330-7731  
Emergency Only: 1-(800) 424-9300

## SECTION II - HAZARDOUS INGREDIENTS

**OSHA Hazardous Components (29 CFR 1910.1200)**

\*Medium aliphatic solvent naphtha (CAS# 64742-88-7)  
Propylene glycol propyl ether (CAS# 1569-01-3)  
n-Methyl pyrrolidone (CAS# 872-50-4)  
Monoethanolamine (CAS# 141-43-5)  
\*Aromatic hydrocarbon mixture exact composition may vary.

**EXPOSURE LIMITS: 8 HR. TWA**

**OSHA PEL**

**ACGIH TLV**

100 ppm	100 ppm recommended
None established	25 ppm
None established	100 ppm recommended
3 ppm	3 ppm

## SECTION III - HAZARDS IDENTIFICATIONS

**EMERGENCY OVERVIEW:**

WARNING! Flammable Aerosol.  
Irritating to eyes, skin, mucous membranes, and respiratory tract.

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:** Irritating to respiratory tract, may cause difficult breathing on prolonged exposure.  
**EYE CONTACT:** Vapors and liquids irritating to eyes.  
**SKIN CONTACT:** Liquid irritant to skin. Product may be absorbed on prolonged contact.  
**INGESTION:** Irritating to internal tract, may cause nausea and vomiting.

**CHRONIC Effects:** UNKNOWN

**NOTE:** Studies on test animals of n-Methyl pyrrolidone have been reported to contribute to effects of fertility (fetotoxicity).

**CARCINOGENICITY:** LISTED IN NTP? NO

IARC? NO

OSHA Regulated? NO

## SECTION IV - FIRST AID MEASURES

**INHALATION:** Remove to fresh air. If not breathing, apply artificial respiration. Keep victim warm. Seek medical advice.  
**EYE CONTACT:** Flush with large amounts of running water for 15 minutes occasionally lifting lower and upper eyelids. Seek medical advice.  
**SKIN CONTACT:** Wash exposed area with soap and water. Remove contaminated clothing. Seek medical advice if symptoms develop.  
**INGESTION:** Give water. Do NOT induce vomiting. Aspiration into lungs may cause chemical pneumonia. Seek immediate medical attention.  
Do not give anything by mouth to an unconscious person. If spontaneous vomiting occurs, keep head below hips.

## SECTION V - FIRE FIGHTING MEASURES

**FLAMMABILITY:** (per the USA Flame Projection Test (aerosols)): Flammable

**FLASHPOINT (TEST METHOD) (non-aerosol i.e. base stock):** 102 °F (CC)

**FLAMMABLE LIMITS (non-aerosol i.e. base stock):**

**LOWER:** 0.8%

**UPPER:** 9.5%

**AUTOIGNITION TEMPERATURE(non-aerosol i.e. base stock):** 520 °F

**GENERAL HAZARD:** WARNING! Product under pressure, may explode from excessive heat. Water may be ineffective to fight fire. Toxic gases may be produced in fire.

**FIRE FIGHTING INSTRUCTIONS:** Do not enter without full bunker of equipment including self contained breathing apparatus. Stay upwind, keep all personnel away. Cool fire exposed containers with water.

**EXTINGUISHING MEDIA:** Use carbon dioxide, alcohol foam, water spray, water fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes, oxides of carbon, and nitrogen compounds.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

Isolate hazard area. Keep unnecessary and unprotected personnel away. Clean up spills and leaks immediately to prevent soil and water contamination.

**LAND SPILL:** Absorb spill with inert, non-combustible material, then place in a chemical waste container.

**WATER SPILL:** Product is a floating hazard. If possible try to contain floating material. Collect and store in a chemical waste container.

## SECTION VII - HANDLING AND STORAGE

**HANDLING:** Use with adequate ventilation. Ground and bond containers when transferring material. Use spark-proof tools. Avoid skin/eye contact and breathing vapors. Empty containers retain product residue (liquid and/or vapors). DO NOT CUT, WELD, BRAZE, SOLDER, DRILL, OR EXPOSE TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY.

**STORAGE:** Store in a cool, dry place away from heat, ignition sources, oxidizers, and strong acids.

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## SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Adequate ventilation to control vapor accumulation.

**PERSONAL PROTECTION:** If TLV exceeded, NIOSH vapor mask recommended. Wear chemical goggles or full face shield and chemical impervious apron to protect from splashing. Wear chemical impervious gloves. Wash clothing before reuse.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

For base stock:

**VAPOR PRESSURE:** <10 mmHg @ 20 °C

**SPECIFIC GRAVITY:** 0.75 - 0.82

**SOLUBILITY IN WATER:** Miscible

**pH:** NA

**BOILING POINT:** 310 °F - 340 °F

**APPEARANCE & ODOR:** Water-white liquid with mild amine odor.

**VAPOR DENSITY (Air=1) :** >2

**EVAPORATION RATE (N-BUTYL ACETATE=1):** <1

**VOC (G/L):** 820.4

**FREEZING POINT:** ND

## SECTION X - STABILITY AND REACTIVITY

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid excessive heat, ignition sources, and flames. Isolate from oxidizers and strong acids.

**MATERIALS TO AVOID:** Isolate from strong oxidizers such as permanganates, chromates & peroxides.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide, Nitrogen Oxide vapors from burning.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION XI - TOXICOLOGICAL INFORMATION

n-Methyl pyrrolidone

LD50: 3914 mg/kg (oral-rat)

LD50: 8000 mg/kg (dermal-rabbit)

LD50: 3500 mg/kg (oral-rabbit)

Propylene glycol propyl ether

LD50: 2504 mg/kg (oral-rat)

LD50: 3550 mg/kg (dermal-rabbit)

## SECTION XII - ECOLOGICAL INFORMATION

No Data Available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Classification of waste required before disposal. Follow all local, state, and federal regulations.

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Consumer Commodity, ORM-D

**HAZARD CLASS:** Not Applicable

**IDENTIFICATION NUMBER:** Not Applicable

**DOT Emergency Guide #:** Not Applicable

**Reportable Quantity (RQ):** Not Applicable

**International:** Aerosol Dispensers, 9 UN1950, IMDG 9022

## SECTION XV - REGULATORY INFORMATION

**TSCA (Toxic Substance Control Act):** Components of this product are listed on the TSCA Inventory.

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):** None

We recommend you contact local authorities for other reporting requirements.

**SARA TITLE III (Superfund Amendments and Reauthorization Act):** Medium Aliphatic Solvent Naphtha 70-75%, Propylene Glycol Propyl Ether 20-25%

311/312 Hazard Categories: Acute, Ignitable

313 Reportable Ingredients: NONE

**CALIFORNIA PROPOSITION 65:** This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

## SECTION XVI - OTHER INFORMATION

State Right-to-Know Programs: Massachusetts, Pennsylvania, New Jersey

NFPA Ratings

Health: 2

Flammability: 2

Reactivity: 0

Prepared by: Virginia KMP Corporation

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## **VIRGINIA D10e DEGREASING SOLVENT**

HMIS Protective Equipment: X See your supervisor

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