

NUT-BUSTER (revised Feb 2007)
Material Safety Data Sheet

SECTION I - COMPANY IDENTIFICATION

PRODUCT: NUT-BUSTER

CAT. NO.: NB 9

DISTRIBUTED BY:

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SECTION II - HAZARDOUS INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200)

1, 1 Difluoroethane (75-37-6)
Dimethylpolysiloxanes (63148-62-9)
Methyl Isobutyl Ketone (108-10-1)
Oleic Acid (68187-99-5)

EXPOSURE LIMITS: 8 HR. TWA

| OSHA PEL | ACGIH TLV |
|----------|-----------|
| NE | NE |
| NE | NE |
| 100 ppm | 50 ppm |
| NE | NE |

SECTION III - HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW:

DANGER! Flammable. Harmful or fatal if swallowed. Vapor harmful. Aerosol, contents under pressure. Irritating to eyes, skin, mucous membranes, and respiratory tract.

POTENTIAL HEALTH EFFECTS:

INHALATION: Product is an asphyxiant at very high concentrations. Excessive inhalation of vapors can be harmful and may cause headache, disorientation, rapid respiration, nausea, anesthetic effects, temporary CNS depression and possible unconsciousness. Vapors heavier than air and displace oxygen required for breathing. Higher exposures may lead to shortness of breath, temporary alteration of cardiac electrical activity with irregular pulse, palpitations or inadequate circulation.

EYE CONTACT: Irritant. May cause burning sensation.

SKIN CONTACT: May cause burns and frostbite.

INGESTION: Possible chemical pneumonitis if aspirated into lungs.

CHRONIC Effects: Unknown.

CARCINOGENICITY: LISTED IN NTP? No

IARC? No

OSHA Regulated? Yes
1910.1000 Table Z-2

SECTION IV - FIRST AID MEASURES

INHALATION: Remove to fresh air. Resuscitate if necessary. Get medical attention. Give oxygen.

EYE CONTACT: Flush immediately with fresh water for least 15 minutes while holding eyelids open. Remove contact lenses if worn. Seek medical attention immediately.

SKIN CONTACT: Treat burned or frostbitten skin by flushing or immersing affected areas in lukewarm water. If skin is not burned, keep warm and stimulate circulation with massage. Seek medical attention immediately.

INGESTION: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION V - FIRE FIGHTING MEASURES

FLAMMABILITY as per USA Flame Projection Test (aerosols):26 inches/no flashback: Categorized as FLAMMABLE (Propellant FP: -58F)

FLAMMABLE LIMITS: Not determined for mixture: %LEL: NE %UEL: NE

AUTOIGNITION TEMPERATURE (non-aerosol i.e. base stock): Not Applicable

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. Do not expose aerosols to temperatures above 130 F or the container may rupture.

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, dry chemical or foam.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes, small amounts of halogen acids and oxides of carbon.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Ventilate and isolate hazard area. Remove all sources of ignition. 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: Collect and store in a chemical waste container.

SECTION VII - HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Avoid skin/eye contact and breathing vapors. Do not smoke while spraying. DO NOT CUT, WELD, BRAZE, SOLDER, DRILL, OR EXPOSE TO HEAT, FLAME, SPARKS AND/OR STATIC ELECTRICITY. Intentional misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

STORAGE: Store in a cool, dry place away from heat (< 130°F.), ignition sources, oxidizers, and strong acids and bases.

SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS: Adequate ventilation to control vapor accumulation.

PERSONAL PROTECTION: If TLV exceeded, NIOSH approved respirator. Wear safety glasses or 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

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VAPOR PRESSURE: psig @ 70°F (aerosols): less than 90 psig
SPECIFIC GRAVITY: <1
SOLUBILITY IN WATER: Negligible
FREEZING POINT: Not determined.
APPEARANCE & ODOR: Clear, colorless spray with faint solvent odor.

VAPOR DENSITY (Air= 1) : >1
EVAPORATION RATE (ETHER=1): Not determined.
pH: NA
BOILING POINT: Not determined
% VOLATILE BY VOLUME: No Data.

SECTION X - STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: . Open flames, sparks, electrical arcs and any source of ignition.

MATERIALS TO AVOID: Alkali or alkaline earth metals (powdered Al, Zn, Be) and strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, hydrofluoric acid and possibly carbonyl fluoride.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

None known.

SECTION XII - ECOLOGICAL INFORMATION

No Data Available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Classification of waste required before disposal. Do not puncture or incinerate. Follow all local, state, and federal regulations. Aerosol cans when vented to atmosphere pressure through normal use, pose no disposal hazard. Full or partially filled containers are considered hazardous waste.

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Consumer Commodity, ORM-D

HAZARD CLASS: NA

IDENTIFICATION NUMBER: NA

DOT Emergency Guide #: 126

Reportable Quantity (RQ): Not Applicable

International: UN1950, Aerosols, 2.1, LTD QTY

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): Methyl Isobutyl Ketone (108-10-1), 5000 lbs. RQ.

SARA TITLE III (Superfund Amendments and Reauthorization Act: 311/312 Hazard Categories: Acute, Chronic and Reactivity
313 Reportable Ingredients: Methyl Isobutyl Ketone (108-10-1)

CLEAN AIR ACT: None .

California Proposition 65: None .

SECTION XVI - OTHER INFORMATION

State Right-to-Know Programs: RI & MA-none, NJ-1,1-Difluoroethane and methyl isobutyl ketone,PA-methyl isobutyl ketone and oleic acid

NFPA Ratings

Health: 2

Flammability: 2

Reactivity: 0

HMIS Protective Equipment: X See your supervisor

Prepared by: Virginia KMP US – Parker Hannifin

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