




### Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> A1133 NUMB NUTS	<b>Date Prepared:</b> 02-14-2018
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

### Section 2 ~ Hazard(s) Identification

<b>Classifications</b>	Acute toxicity Inhalation - Category 4 Eye Irritation - Category 2 Flammables gases - Category 1	Gases Under Pressure Liquefied Gas Specific Target Organ Toxicity - Single Exposure - Category 3
<b>Pictograms</b>	  	<b>Signal Word:</b> Danger.
<b>Hazard Statements – Physical</b>	H220 - Extremely flammable gas H280 - Contains gas under pressure; may explode if heated	
<b>Hazard Statements – Health</b>	H332 - Harmful if inhaled H319 - Causes serious eye irritation	
<b>Precautionary Statement – General</b>	P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read label before use.	
<b>Precautionary Statement – Prevention</b>	P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P271 - Use only outdoors or in a well-ventilated area. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Precautionary Statement – Response</b>	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention. P377 - Leaking gas fire - do not extinguish unless leak can be stopped safely. P381 - In case of leakage, eliminate all ignition sources.	
<b>Precautionary Statement – Storage</b>	P410 + P403 - Protect from sunlight. Store in a well-ventilated place.	
<b>Precautionary Statement – Disposal</b>	No precautionary statement available.	

### Section 3 ~ Composition/Information on Ingredients

Chemical Name	CAS No.	%(Wt.)
Difluoroethane	75-37-6	65 – 85%
Polidimetilsiloxanos	63148-62-9	10 – 25%
Methyl Isobutyl Ketone	108-10-1	1.0 – 10%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

### Section 4 ~ First Aid Measures

**Inhalation:** Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

**Eye Contact:** Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

**Ingestion:** Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

### Section 5 ~ Fire Fighting Measures

**Suitable Extinguishing Media:** Foam, Alcohol foam, CO2, Dry Chemical, Water fog.

**Unsuitable Extinguishing Media:** Water may be ineffective but can be used to cool containers exposed to heat or flame.

**Specific Hazards in Case of Fire:** Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

**Fire-Fighting Procedures:** Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

**Special Protective Actions:** Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

### Section 6 ~ Accidental Release Measures

**Emergency Procedure:** Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

**Recommended Equipment:** Clean up with an absorbent material and place in closed containers for disposal.

**Personal Precautions:** Wear safety glasses and gloves.

**Environmental Precautions:** Stop spill/release if it can be done safely.

### Section 7 ~ Handling and Storage

**General:** Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

**Ventilation Requirements:** Use in a well ventilated place.

**Storage Room Requirements:** Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

### Section 8 ~ Exposure Controls/Personal Protection

**Eye Protection:** Safety glasses with side shields should be used if indicated. Eye wash and safety showers in the workplace are recommended.

**Skin Protection:** Use solvent-resistant protective gloves for prolonged or repeated contact.

**Respiratory Protection:** Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

**Appropriate Engineering Controls:** Ventilation should be sufficient to prevent inhalation of any vapors.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m <sup>3</sup> )	OSHA STEL (ppm)	OSHA STEL (mg/m <sup>3</sup> )	OSHA Tables Z1, 2, 3	OSHA Carcinogen	OSHA Skin Designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m <sup>3</sup> )	NIOSH STEL (ppm)	NIOSH STEL (mg/m <sup>3</sup> )	NIOSH Carcinogen
Difluoroethane		2.5			1							
Methyl Isobutyl Ketone	100	410			1			50	205	75	300	

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m <sup>3</sup> )	ACGIH STEL (ppm)	ACGIH STEL (mg/m <sup>3</sup> )
Difluoroethane		2.5		
Methyl Isobutyl Ketone	20		75	307

## Section 9 ~ Physical and Chemical Properties

### Physical and Chemical Properties

**Density:** 7.93969 lb/gal

**Density VOC:** 0.31759 lb/gal

**% VOC:** 4.00000%

**Appearance:** Aerosol

**Odor Threshold:** N.A.

**Odor Description:** N.A.

**pH:** N.A.

**Water Solubility:** Not soluble

**Flammability:** N.A.

**Flash Point Symbol:** N.A.

**Flash Point:** Will not sustain combustion

**Viscosity:** N.A.

**Lower Explosion Level:** N.A.

**Upper Explosion Level:** N.A.

**Vapor Density:** Slower than ether

**Melting Point:** N.A.

**Freezing Point:** N.A.

**Low Boiling Point:** N.A.

**High Boiling Point:** N.A.

**Decomposition Pt:** N.A.

**Auto Ignition Temp:** N.A.

**Evaporation Rate:** Slower than ether

## Section 10 ~ Stability and Reactivity

**Stability:** The product is stable under normal storage conditions.

**Conditions to Avoid:** High temperatures.

**Incompatible Materials:** No data available.

**Hazardous Reactions/Polymerization:** None known.

**Hazardous Decomposition Products:** Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

## Section 11 ~ Toxicological Information

**Skin Corrosion/Irritation:** No data available

**Classification of the Substance or Mixture:** There is no ecological data available for this product.

**Serious Eye Damage/Irritation:** Causes serious eye irritation

**Carcinogenicity:** No data available

**Germ Cell Mutagenicity:** No data available

**Reproductive Toxicity:** No data available

**Respiratory/Skin Sensitization:** No data available

**Specific Target Organ Toxicity - Single Exposure:** No data available

**Specific Target Organ Toxicity - Repeated Exposure:** No data available

**Aspiration Hazard:** No data available

**Acute Toxicity:** Harmful if inhaled

**Potential Health Effects - Miscellaneous**

### 108-10-1 METHYL ISOBUTYL KETONE

The following medical conditions may be aggravated by exposure: asthma, respiratory disease, eye disorders, pulmonary conditions, skin disorders. Repeated or prolonged skin contact may cause any of the following: dryness, cracking of the skin, defatting. Inhalation may cause any of the following: dizziness, stupor (central nervous system depression), drowsiness, respiratory tract irritation.

### 108-10-1 METHYL ISOBUTYL KETONE

LC50 (rat): 2000 - 4000 ppm (4-hour exposure) (1)

LD50 (oral, rat): 2,080 mg/kg (1)

LD50 (oral, male mouse): 1,200 mg/kg; cited as 1.5 mL/kg (3)

LD50 (dermal, rabbit): greater than 3000 mg/kg (9)

## Section 12 ~ Ecological Information

**Toxicity:** No data available

**Persistence and Degradability:** No data available.

**Bio-Accumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

## Section 13 ~ Disposal Considerations

**Water Disposal:** Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## Section 14 ~ Transportation Information

**U.S. DOT Information:** Consumer Commodity, ORM-D

**IMDG Information:** UN1950, Aerosols, 2.1 LTD QTY

**IATA Information:** UN1950, Aerosols, 2.1 LTD QTY

## Section 15 ~ Regulatory Information

Chemical Name	CAS Number	% by wt.	Regulation List
Difluoroethane	75-37-6	65 – 85%	SARA312,TSCA,ACGIH,OSHA
Polidimetilsiloxanos	63148-62-9	10 – 25%	SARA312,TSCA
Methyl Isobutyl Ketone	108-10-1	1.0 – 10%	SARA313, CERCLA,HAPS,SARA312,VOC,TSCA,RCRA,ACGIH,CA_Prop65 - California Proposition 65,OSHA

**Section 16 ~ Other Information**

**Glossary:** \* There are points of differences between OSHA GHS and UN GHS. In 90% of the categories, they can be used interchangeably, but for the Skin Corrosion/Irritant Category and the Specific Target Organ Toxicity (Single and Repeated Exposure) Categories. In these cases, our system will say UN GHS.

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESLEffects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94- 469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

	NFPA	HMIS	Key
HEALTH	0	0	4= Severe
FLAMMABILITY	4	4	3= Serious
REACTIVITY	0	2	2= Moderate
OTHER/PROTECTION	-	B	1= Slight 0= Minimal

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