

MATERIAL SAFETY DATA SHEET: BERRY BLAST (12X12 OZ)

Inhalation:

Remove from the area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

Eye Contact:

Rinse the eyes with water. Remove any contact lenses and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops.

Skin Contact:

Wash affected areas with large amounts of soap and water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing and clean shoes before re-use.

Ingestion:

Give 3 to 4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

Notes to Physician:

Ingestion and subsequent vomiting of this product can lead to aspiration of the product into the lungs which can cause damage and may be fatal. Depending on the amount ingested and retained as well as the toxicity of the product, gastric lavage should be considered. Keep patient's head below hips to prevent pulmonary aspiration. If comatose, a cuffed endotracheal tube will prevent aspiration. In the event of injection in underlying tissue, immediate treatment should include extensive incision, debridement and saline irrigation. Inadequate treatment can result in ischemia and gangrene. Early symptoms may be minimal.

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:				
<input type="checkbox"/> IARC	<input type="checkbox"/> NTP	<input type="checkbox"/> OSHA	<input type="checkbox"/> ACGIH	<input type="checkbox"/> Other

VOC Content: 100% by weight; 100% by volume; 800 g/L

AMYL ACETATE
 EYE-HMN SDT: 300 ppm 4.
 IHL-HMN TC_{Lo}: 5,000 mg/m³/30m 4.
 ORL-RAT LD₅₀: >1,600 mg/kg 4.

Overexposure to this material has been suggested as a cause of liver damage in laboratory animals.

N-BUTYL ACETATE
 IHL-RAT LC₅₀: 390 ppm/4h 4.
 ORL-RAT LD₅₀: 10,768 mg/kg 4.
 SKN-RBT LD₅₀: >17,600 mg/kg 4.
 SKN-RBT SDT: 500 mg/24h Moderate 4.
 EYE-RBT SDT: 100 mg Moderate 4.
 EYE-HMN SDT: 300 ppm 4.

ETHYL BUTYRATE
 ORL-RAT LD₅₀: 13 gm/kg 4.
 ORL-RBT LD₅₀: 5,228 mg/kg 4.
 SKN-RBT LD₅₀: >2 gm/kg 4.
 SKN-RBT SDT: 500 mg/24h Moderate 4.

D-LIMONENE
 IPT-RAT LD₅₀: 3600 mg/kg 4.
 ORL-RAT LD₅₀: 4,400 mg/kg 4.
 SKN-RBT LD₅₀: >5 gm/kg 4.
 SKN-RBT SDT: 10%/24h Mild 4.
 SKN-RAT SDT: 100%/1h 4.

SYNTHETIC ISOPARAFFINIC HYDROCARBON (<3% DMSO EXTRACTABLES)

IHL-RAT LC₅₀: >290 ppm 3.
 ORL-RAT LD₅₀: >10 g/kg 3.
 SKN-RBT LD₅₀: >3 g/kg 3.
 SKN SENSITIZER: No 3.
 SKN IRRITATION: Slight 3.
 EYE IRRITATION: Slight 3.

This hydrocarbon was administered orally 5 days/week to male and female rats at 100, 500 or 1000 mg/kg for 13 weeks. An additional group was dosed with 100 mg/kg for 13 weeks followed by a 4-week recovery period. No mortalities or clinical effects were observed. Liver and kidney weights for the 500 and 1000 mg/kg exposure groups were significantly increased. After the 4-week recovery period, there were no differences in organ weights. 3.

Hydrocarbon mists derived from petroleum distillates are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations well above applicable workplace exposure levels include lung inflammatory reaction, lipid granuloma formation, and lipid pneumonia. In acute and sub-acute studies involving exposures to lower concentrations at or near current work place exposure levels produced no significant toxicological effects. In long term studies (up to two years) no carcinogenic effects have been reported in any animal species tested. These petroleum distillates are severely hydrotreated, severely solvent extracted, and/or processed by mild hydrotreatment and extraction. For this reason, they are not classified as cancer hazards. 3.

Section VII - Reactivity Data

Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable Conditions to Avoid: Avoid heat, hot surfaces, sparks, and open flames.	Hazardous Polymerization <input checked="" type="checkbox"/> Will not occur <input type="checkbox"/> May occur Conditions to Avoid: N/A
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Incompatibility (Materials to Avoid):
 Strong oxidizing agents such as Chlorine bleach and concentrated Hydrogen Peroxide.

Hazardous Decomposition Products:
 Oxides of Carbon.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:

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Wear appropriate protective clothing. Eliminate all sources of ignition and ventilate the area. Use only non-sparking equipment. Use care as spills may be slippery. Shut off source of leak. Dike and contain spill. Absorb with an inert material and transfer all material into a properly labeled container for disposal. Prevent product from contaminating soil or from entering sewage and drainage systems and bodies of water. Flush area with water.

Waste Disposal Method(s):

Dispose of in accordance with all Federal, state, and local regulations.

Neutralizing Agent:

N/A

Section IX - Special Protection Information

Required Ventilation:

Local ventilation is recommended to control exposure from operations that can generate excessive levels of mists or vapors. Local ventilation is preferred, because it prevents dispersion into work areas by controlling it at its source.

Respiratory Protection:

Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). For concentrations above the TLV and/or PEL but less than 10 times these limits, a NIOSH approved half-facepiece respirator equipped with appropriate chemical cartridges may be used. For concentrations greater than 10 times the TLV and/or PEL, consult the NIOSH respirator decision logic found in publication No. 87-116 or ANSI Z88.2-1992.

Glove Protection:

Neoprene or nitrile rubber gloves if repeated or prolonged skin contact is likely. Ensure compliance with OSHA's personal protective equipment (PPE) standard for hand protection, 29 CFR 1910.138.

Eye Protection:

Safety glasses with side shields if the method of application presents the likelihood of eye contact. Ensure compliance with OSHA's Personal Protective Equipment (PPE) standard for eye and face protection, 29 CFR 1910.133.

Other Protection:

Wear protective clothing when handling. A safety shower and an eyewash station should be available.

Section X - Storage and Handling Information

Storage Temperature

Max: 120°F Min: 35°F

Storage Conditions

Indoors Outdoors Heated Refrigerated

Precautions to be Taken in Handling and Storing:

Always store material in its original container. Keep the container tightly closed when not in use. Use with caution around heat, sparks, pilot lights, static electricity, and open flame. Empty containers may contain product residues which may exhibit the hazards of the product. To avoid possible explosion, do not pressurize, cut, weld, solder, drill, grind, or expose empty containers to heat, hot surfaces, sparks, or open flames. Ground and bond container when handling near flammable vapors and all sources of ignition.

Other Precautions:

Keep out of reach of children. Read the entire label before using the product. Follow the label directions.

Section XI - Regulatory Information

Chemical Name

CAS Number

Upper % Limit

None.

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

1. Threshold Limit Values for chemical substances and physical agents and biological exposure indices, ACGIH, 2007.
2. OSHA PEL.
3. Vendor's MSDS.
4. Registry of toxic effects of chemical substances, CCINFOWeb, 2007.
5. European Chemical Substances Information System (ESIS), International Uniform Chemical Information Database (IUCLID) Chemical Data Sheets.

All the components of this product are in compliance with the Toxic Substances Control Act (TSCA) and are either listed on the TSCA inventory or otherwise exempted from listing.

IRR: Irritant, OSHA: Occupational Safety & Health Administration, IARC: International Agency for the Research on Cancer, TOX: Toxic, NFPA: National Fire Protection Association, ppm: Parts Per Million, UEL: Upper Explosion Limit, STEL: Short-term Exposure Limit, SKN: Skin, IHL: Inhalation, COMB: Combustible, CORR: Corrosive, MUT: Mutagenic, CARC: Carcinogenic, N/A: Not Applicable, TLV: Threshold Limit Value, N/E: Not Established, ORL: Oral, FLAM: Flammable, ASPHYX: Asphyxiant, C.O.C.: Cleveland Open Cup, PNOR: Particles Not Otherwise Regulated, LEL: Lower Explosion Limit, mg/L: Milligrams per Liter, PNO: Particles Not Otherwise Specified, g/L: Grams per Liter, PMCC: Pensky-Martin Closed Cup, NTP: National Toxicology Program, µg/L: Micrograms per Liter, TCC: Tagliabue Closed Cup, SEV: Severe, RBT: Rabbit, INV: Intravenous, ACGIH: American Conference of Governmental Industrial Hygienists, PEL: Permissible Exposure Limit, MOD: Moderate, IPT: Intraperitoneal, gm/kg: Grams per Kilogram, C.C.C.: Cleveland Closed Cup, HMN: Human, mg/m³: Milligrams per Cubic Meter, mg/kg: Milligrams per Kilogram, VOC: Volatile Organic Compound, SDT: Standard Draize Test, MSE: Mouse, GPG: Guinea Pig.

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