



1. Product and Company Identification

Product Name Sapphire Scientific Solvent Booster
Formula Code FLCODDXXLB-SB-1
Supplier Sapphire Scientific
2604 Liberator
Prescott, AZ 86301 US
Phone: 1-800 932-3030 Emergency: 1-800 535-5053

2. Hazards Identification

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Undiluted vapors and mists irritate the nose and throat. Inhalation of higher concentrations may cause headaches and vomiting. Inhalation of very high concentrations or prolonged exposure may cause unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYES - Liquid and mists will irritate and may burn the eyes.
SKIN - No irritation is likely after brief contact but may be irritating after prolonged contact.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption risks unknown.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Swallowing large quantities may cause headaches, nausea, vomiting, stomach cramps, diarrhea, and perhaps unconsciousness or death.

HEALTH HAZARDS (ACUTE AND CHRONIC)

CHRONIC - No specific information available.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

The components of this product are not considered to be carcinogens by the National Toxicology Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Persons with pre-existing skin disorders, eye problems, impaired respiratory function may be more susceptible to effects

3. Composition / Information on Ingredients

Reportable Contents	CAS Number	Vapor Pressure Mm Hg @ Temp	Weight percent
PETROLEUM SOLVENT OSHA PEL: 500, ACGIH TLV: 100, OTHER: 300	64742-48-9	10 @ 68° F	53
D-LIMONENE OSHA PEL: NONE, ACGIH TLV: NONE, OTHER: NONE	94266-47-4	1 @ 57 DEG F	40

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***
This product may contain chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

4. First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES

INHALATION - Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.
EYES- Flush immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.
SKIN - Immediately wash skin with lots of soap and water. Remove contaminated clothing and shoes. Get medical attention.
INGESTION - DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing the vomitus into his lungs. Call physician or poison control center immediately. Treat symptomatically.

5. Fire Fighting Measures

Flash Point (T.C.C.): 100 - 140 F Flammable Limits: Lower: 0.7% Upper: 7%
Extinguishing Media: Foam, Alcohol Foam, CO2, dry chemical, water fog
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use Water spray to cool nearby containers and structures exposed to fire.
Unusual Fire and Explosion Hazards: Extinguish all nearby sources of ignition because vapors may be moved by air currents.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED EXTINGUISH ALL IGNITION SOURCES. For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Keep material out of sewers, storm drains, surface waters, and soil.

WASTE DISPOSAL METHOD Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Dispose of contaminated product and materials used in clean up in a manner approved for this material and the contaminant. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP AWAY FROM HEAT, SPARKS, AND FLAMES. Store in a cool dry, well ventilated place away from incompatible materials.

Keep container tightly closed when not in use. Vent container frequently, and more often in warm weather, to relieve pressure. Do not use pressure to empty container.

8. Exposure Controls/ Personal Protection

OTHER PRECAUTIONS

Empty containers usually still hold residues of material and vapors. These must be considered hazardous and disposed of in accordance with proper handling procedures prescribed for hazardous chemicals. When mixing with water, always add this product to water and stir.

RESPIRATORY PROTECTION

In the absence of adequate ventilation an approved respirator may be required.

VENTILATION

Be sure to provide adequate ventilation in all working areas at all time. In general, health problems could result from repeated and prolonged exposure to chemical vapors.

PROTECTIVE GLOVES

Wear resistant gloves such as polyethylene or rubber.

EYE PROTECTION

Chemical splash goggles should be worn during application of this product.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Where gross eye and skin contact may occur use and wear appropriate clothing, rubber boots with pants on the outside, and rubber gloves.

WORK/HYGIENIC PRACTICES

Standard hygienic practices must be observed when handling all chemicals.

9. Physical and Chemical Properties

Boiling Point: (F)	348
Specific Gravity: (H ₂ O = 1.0)	0.8
pH:	N/A
Vapor Density:	Heavier than air
Evaporation Rate (Vs ether)	Slower
Vapor Pressure: (mm Hg)	2 (at 20C)
Appearance and Odor:	Orange color and orange fragrance

10. Stability and Reactivity

Stability: Stable

Incompatibility: Strong oxidizers

Hazardous Decomposition Products: may liberate carbon dioxide or carbon monoxide.

Other Information

WORK/HYGIENIC PRACTICES Standard hygienic practices must be observed when handling all chemicals.

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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