

Issue Date 06/24/2016

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Supersonic

Other means of identification

Product Code 6200

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Flammable liquids (Category 3)	(Category 3), H226
Skin irritation (Category 2)	(Category 2), H315
Eye Irritation	(Category 2B)
Skin sensitization	(Category 1), H317
Aspiration hazard	(Category 1), H304

Label elements

Emergency Overview

DANGER

Hazard statements

Flammable liquid and vapor.
Causes skin irritation.
Causes eye irritation.
May cause an allergic skin reaction.
May be fatal if swallowed and enters airways.



Appearance: Liquid

Physical state: Liquid

Odor: 1



Precautionary Statements - Prevention

Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Ground/bond container and receiving equipment. Take precautionary measure against static discharge. Use only non-sparking tools. Keep away from heat/sparks/open flames/hot surfaces-no smoking. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection.

Precautionary Statements - Response

Do NOT induce vomiting. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water shower. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/ attention. If swallowed: Immediately call a poison center/doctor. In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

Precautionary Statements - Storage

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)**Other Information**

- Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Methyl ester, soybean oil	67784-80-9	20-70	*
D-Limonene	5989-27-5	20-70	*

***The exact percentage (concentration) of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES**First aid measures**

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Flush eyes with water as a precaution.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effect, both acute and delayed

Symptoms	Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	No data available
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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Use water spray to cool unopened containers.

Specific hazards arising from the chemical

Carbon oxides

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and material for containment and cleaning up**Methods for containment & cleaning up**

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

CHEMICAL NAME	CAS NO.	ACGIH	OSHA
Methyl ester, soybean oil	67784-80-9	ACGIH TWA: No data available ACGIH STEL: No data available	OSHA TWA: No data available OSHA STEL: No data available
D-Limonene	5989-27-5	ACGIH TWA: 20 ppm ACGIH STEL: No data available	OSHA TWA: No data available OSHA STEL: No data available

Appropriate engineering controls**Engineering Controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Handle with nitrile rubber gloves. Gloves must be inspected prior to use. Use proper gloveremoval technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General Hygiene

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid
Appearance	characteristic
Color	No data available
Odor	No data available
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>
pH	No data available
Melting/Freezing Point	-74.3 °C (-101.7 °F)
Initial Boiling Point/Range	175 - 176 °C (347 - 349 °F)
Flash Point	50 °C (122 °F)
Evaporation Rate	No data available
Flammability	No data available
Upper Explosion Limit	6.1%
Lower Explosion Limit	0.7%
Vapor Pressure	50 hPa (38 mmHg) at ca.50 °C (122 °F)
Vapor Density	4.70 - (Air = 1.0)
Relative Density	0.84 g/cm ³ at 25 °C (77 °F)
Water Solubility	Immiscible
Partition Coefficient	log Pow: 4.2
Auto Ignition Temperature	245 °C (473 °F) at 995 hPa (746 mmHg)
Decomposition Temperature	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY**Reactivity**

No data available

Chemical Stability

Stable under recommended storage conditions.

Possibility Of Hazardous Reactions

No data available

Conditions To Avoid

Heat, flames and sparks.

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

No data available

11. TOXICOLOGICAL INFORMATION**NAME****CAS**

Methyl ester, soybean oil

67784-80-9

No data available

No data available

No data available

Skin corrosion/irritation

May be irritating

Serious eye damage/eye irritation

May be irritating

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity**Reproductive**

No data available

Additional information

No data available

NAME**CAS**

D-Limonene

5989-27-5

LD50 Oral - Rat - 4,400 mg/kg

Inhalation: No data available

LD50 Dermal - Rabbit - > 5,000 mg/kg

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

Result: No eye irritation

Respiratory or skin sensitization

Result: May cause sensitisation by skin contact.

Germ cell mutagenicity

Result: negative

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (D-Limonene)

Reproductive

No data available

Additional information

No data available

12. ECOLOGICAL INFORMATION

CHEMICAL NAME	CAS	TOXICITY
Methyl ester, soybean oil	67784-80-9	No data available
D-Limonene	5989-27-5	flow-through test LC50 - Pimephales promelas (fathead minnow) - 0.72 mg/l - 96 h Immobilization EC50 - Daphnia magna (Water flea) - 0.36 mg/l - 48 h Toxicity to bacteria EC50 - Sludge Treatment - 3.94 mg/l

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Dispose of contents/container in accordance with local/regional/national/international regulations.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

UN/ID No.	UN1993
Proper Shipping Name	Flammable Liquids, n.o.s. (Terpenes) Marine Pollutant
Hazard Class	3
Packing Group	III
Label	Flammable

15. REGULATORY INFORMATION**International Inventories**

TSCA This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

NAME**CAS**

Methyl ester, soybean oil	67784-80-9
SARA 302/304	No components were identified
SARA 313	No components were identified
CERCLA	No components were identified
SARA 311/312	Acute health hazard
PROP 65	No components were identified

<u>NAME</u>	<u>CAS</u>
Methyl ester, soybean oil	5989-27-5
SARA 302/304	No components were identified
SARA 313	No components were identified
CERCLA	No components were identified
SARA 311/312	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
PROP 65	No components were identified

16. OTHER INFORMATION

Issue Date 6/24/2016
Revision Date 6/24/2016
Revision Note

N/A = Not Applicable; N/D = Not Determined

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet