

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name VANILLA SERENADE (12X12 O Z)
Recommended use Fragrance
Information on Manufacturer
 CHEMSEARCH DIV. OF NCH CORP.
 BOX 152170
 IRVING, TX 75015

Product Code 5770
Chemical nature Mixture
Emergency Telephone Number
 CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
 DANGER
 Combustible liquid and vapor
 Causes skin irritation
 Causes eye irritation
 May be harmful if inhaled
 Harmful or fatal if swallowed

Color Colorless - Light yellow
Potential Health Effects
Principle Route of Exposure Skin contact, Eye contact, Inhalation.
Primary Routes of Entry Inhalation
Acute Effects
Eyes Causes eye irritation.
Skin Causes skin irritation.
Inhalation May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.
Chronic Toxicity Prolonged or repeated inhalation may cause damage to the lungs. Prolonged skin contact may defat the skin and produce dermatitis. Liver and kidney injuries may occur.
Target Organ Effects Cardiovascular system, Central nervous system, Respiratory system, Liver, Kidney, Eyes, Ears.
Aggravated Medical Conditions Neurological disorders, Liver disorders, Kidney disorders, Heart disease, Skin disorders, Respiratory disorders.
Potential Environmental Effects See Section 12 for additional Ecological information.

Odor Vanilla

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Petroleum distillates, hydrotreated light	64742-47-8

4. FIRST AID MEASURES

General Advice Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.
Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Notes to Physician Aspiration hazard if swallowed - can enter lungs and cause damage. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point 192 °F / 89 °C
Autoignition Temperature No information available.
Flammability Limits in Air % Petroleum distillates.
Suitable Extinguishing Media Carbon dioxide (CO2). Dry chemical. Water spray.
Specific hazards arising from the chemical Combustible material. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health 2	Flammability 2	Instability 0
HMIS	Health 2	Flammability 2	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions. Ensure adequate ventilation.
Environmental Precautions Do not flush into surface water or sanitary sewer system.
Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up
Neutralizing Agent**

Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
Not applicable.

7. HANDLING AND STORAGE**Handling
Storage**

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.
Keep away from open flames, hot surfaces and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage Temperature
Storage Conditions**

Minimum	35 °F / 2 °C	Maximum	120 °F / 49 °C
Indoor	X	Outdoor	
		Heated	
		Refrigerated	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated light	5 mg/m ³ as oil mist	10 mg/m ³ as oil mist	No data available

Engineering Measures

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

Wear suitable protective clothing, Impervious gloves.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Non viscous
Color	Colorless - Light yellow	Odor	Vanilla
Appearance	Transparent - Cloudy	pH	Not applicable
Specific Gravity	0.790	Evaporation Rate	0.01 (Butyl acetate=1)
Percent Volatile (Volume)	100	VOC Content (%)	100
VOC Content (g/L)	790	Vapor Pressure	0.08 mmHg @ 70°F
Vapor Density	6.6 (Air = 1.0)	Solubility	Negligible
Boiling Point/Range	440 °F / 227 °C		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition
Incompatible Products	Strong oxidizing agents, Strong acids, Aldehydes, Highly halogenated compounds.
Hazardous Decomposition Products	Carbon oxides
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION**Product Information****Component Information****Acute Toxicity**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates, hydrotreated light	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	5.2 mg/L (Rat) 4 h	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, hydrotreated light	no data available	no data available	no data available	no data available	CNS, cardiovascular system, respiratory system, liver, kidney

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Petroleum distillates, hydrotreated light	not applicable				

12. ECOLOGICAL INFORMATION**Product Information**

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydrotreated light	no data available	LC50 = 2.2 mg/L <i>Lepomis macrochirus</i> 96 h LC50 = 2.4 mg/L <i>Oncorhynchus mykiss</i> 96 h LC50 = 45 mg/L <i>Pimephales promelas</i> 96 h	no data available	= 4720 mg/L 96 h	N/A

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name <119 Gals= NOT REGULATED >119 Gals = Petroleum Distillates, n.o.s.
Hazard Class 3
UN-No UN1268
Packing Group III
Description UN1268, Petroleum Distillates, n.o.s.,3, PG III

TDG

Proper shipping name Not regulated
Hazard Class <119 gals= NOT REGULATED >119 gals = Petroleum Distillates, n.o.s.
UN-No 3
Packing Group UN1268
Description III
 UN1268, Petroleum Distillates, n.o.s.,3, P.G. III

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA Complies
DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Petroleum distillates, hydrotreated light	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B3 Combustible liquid, D2B Toxic materials.



16. OTHER INFORMATION

Prepared By Mike McDowell
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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