Material Safety Data Sheet: SUMMER SCENT M/M

Supercedes Date 03/05/2010 **Issuing Date** 09/28/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SUMMER SCENT M/M
Recommended use Fragrance
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 3959
Chemical nature Mixture
Emergency Telephone Number
CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
DANGER
Combustible liquid and vapor
May cause skin irritation
Causes eye irritation
May be harmful if swallowed

Color Colorless **Physical State** Liquid **Odor** Fruity

Potential Health Effects

Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	Inhalation
Acute Effects	
Eyes	Causes eye irritation.
Skin	May cause skin irritation.
Inhalation	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	Liver and kidney injuries may occur.
Target Organ Effects	Central nervous system, Peripheral Nervous System (PNS), Respiratory system, Skin, Liver, Kidney.
Aggravated Medical Conditions	Respiratory disorders, Skin disorders, Neurological disorders, Liver disorders, Kidney disorders.
Potential Environmental Effects	See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Petroleum distillates, hydrotreated light	64742-47-8
Diethyl Phthalate (DEP)	84-66-2
2-tert-Butylcyclohexyl acetate	88-41-5
Galoxolide	1222-05-5
4-Hydroxy undecanoic acid lactone	104-67-6
Diethyl malonate	105-53-3

4. FIRST AID MEASURES

General Advice	Avoid contact with skin, eyes and clothing.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
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.

5. FIRE-FIGHTING MEASURES

Flash Point 180 °F / 82 °C **Method** Seta closed cup
Autoignition Temperature No information available.
Flammability Limits in Air % Petroleum distillates. **Upper** 4.9 **Lower** 0.5
Suitable Extinguishing Media
Foam. Carbon dioxide (CO_2). Water spray. Dry powder. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Combustible Liquid. 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. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

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 Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing.

Storage Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature **Minimum** 35 °F / 2 °C **Maximum** 120 °F / 49 °C

Storage Conditions **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
Diethyl Phthalate (DEP)	TWA: 5 mg/m^3	No data available	TWA: 5 mg/m^3
2-tert-Butylcyclohexyl acetate	No data available	No data available	No data available
Galoxolide	No data available	No data available	No data available
4-Hydroxy undecanoic acid lactone	No data available	No data available	No data available
Diethyl malonate	No data available	No data available	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin Protection For prolonged or repeated contact, use protective gloves

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment. 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	**Odor**	Fruity
Appearance	Transparent	**pH**	Not applicable
Specific Gravity	0.79	**Evaporation Rate**	0.01 (Butyl acetate=1)
Percent Volatile (Volume)	100	**VOC Content (%)**	92
VOC Content (g/L)	789	**Vapor Pressure**	0.07 mmHg @ 70°F
Vapor Density	6.0 (Air = 1.0)	**Solubility**	Negligible
Boiling Point/Range	No data available		

10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.

Conditions to Avoid Heat, flames, and sparks

Incompatible Products Strong oxidizing agents

Hazardous Decomposition Products Carbon oxides

Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

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
Diethyl Phthalate (DEP)	= 8600 mg/kg (Rat)	> 11200 mg/kg (Rat)	no data available	no data available	no data available
2-tert-Butylcyclohexyl acetate	= 4600 mg/kg (Rat)	> 5 g/kg (Rabbit)	no data available	no data available	no data available
Galoxolide	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	no data available	no data available	no data available

4-Hydroxy undecanoic acid lactone	= 18500 mg/kg (Rat)	no data available	no data available	no data available	no data available
Diethyl malonate	= 14900 µL/kg (Rat)	> 16 mL/kg (Rabbit)	no data available	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	respiratory system, liver, kidney
Diethyl Phthalate (DEP)	no data available	no data available	no data available	no data available	eyes,respiratory system,CNS,skin,PNS,reprod system
2-tert-Butylcyclohexyl acetate	no data available	no data available	no data available	no data available	no data available
Galoxolide	no data available	no data available	no data available	no data available	no data available
4-Hydroxy undecanoic acid lactone	no data available	no data available	no data available	no data available	no data available
Diethyl malonate	no data available	no data available	no data available	no data available	no data available

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	not applicable	not applicable	not applicable	not applicable
Diethyl Phthalate (DEP)	not applicable	not applicable	not applicable	not applicable	not applicable
2-tert-Butylcyclohexyl acetate	not applicable	not applicable	not applicable	not applicable	not applicable
Galoxolide	not applicable	not applicable	not applicable	not applicable	not applicable
4-Hydroxy undecanoic acid lactone	not applicable	not applicable	not applicable	not applicable	not applicable
Diethyl malonate	not applicable	not applicable	not applicable	not applicable	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 Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h LC50 = 45 mg/L Pimephales promelas 96 h	no data available	LC50= 4720 mg/L 96 h	N/A
Diethyl Phthalate (DEP)	EC50 2.11 - 4.29 mg/L Pseudokirchneriella subcapitata 96 h EC50 42 - 255 mg/L Pseudokirchneriella subcapitata 72 h EC50 = 21 mg/L Desmodesmus subspicatus 96 h EC50 = 23 mg/L Desmodesmus subspicatus 72 h	LC50 = 12 mg/L Oncorhynchus mykiss 96 h LC50 = 16.7 mg/L Lepomis macrochirus 96 h LC50 = 16.8 mg/L Pimephales promelas 96 h LC50 = 17 mg/L Pimephales promelas 96 h LC50 = 22 mg/L Lepomis macrochirus 96 h	EC50 = 112 mg/L 30 min EC50 = 114 mg/L 15 min EC50 = 114 mg/L 5 min	EC50 36 - 74 mg/L 48 h EC50= 86 mg/L 48 h	2.35
2-tert-Butylcyclohexyl acetate	no data available	no data available	no data available	no data available	N/A
Galoxolide	no data available	no data available	no data available	no data available	N/A
4-Hydroxy undecanoic acid lactone	no data available	no data available	no data available	no data available	N/A
Diethyl malonate	EC50 = 508.2 mg/L Desmodesmus subspicatus 72 h	LC50 10.3 - 13.4 mg/L Pimephales promelas 96 h	no data available	EC50= 202.3 mg/L 48 h	0.96

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 = Petroleum Distiallates, n.o.s.
Hazard Class 3
UN-No UN1268
Packing Group III
Description UN1268, Petroleum Distillates, n.o.s.,3, PG III

TDG Not regulated

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
Diethyl Phthalate (DEP)	1000 lb	Not applicable
2-tert-Butylcyclohexyl acetate	Not applicable	Not applicable
Galoxolide	Not applicable	Not applicable
4-Hydroxy undecanoic acid lactone	Not applicable	Not applicable
Diethyl malonate	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	Dan Hollas
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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