Material Safety Data Sheet: ODERINE-10

Supercedes Date 07/16/2001 **Issuing Date** 02/06/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ODERINE-10
Product Code 9150
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Recommended Use Cleaning agent
Chemical Nature Petroleum distillates
Emergency Telephone Number
CHEMTREC ® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
Warning
Flammable liquid and vapor
Severe eye irritation
Causes skin irritation
May cause allergic skin reaction
May be harmful if inhaled
Harmful or fatal if swallowed

Color Amber **Physical State** Liquid **Odor** Fruity

Potential Health Effects

Principle Route of Exposure	Inhalation, Skin contact, Eye contact.
Primary Routes of Entry	Skin Absorption, Inhalation.
Acute Effects	
Eyes	Severe eye irritant.
Skin	Causes skin irritation. May cause allergic skin reaction.
Inhalation	Causes respiratory tract irritation. Causes headache, drowsiness or other effects to the central nervous system.
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 Effects	Prolonged skin contact may defat the skin and produce dermatitis. Kidney injury may occur. May cause sensitization by skin contact. Developmental hazard.
Target Organ Effects	Central nervous system, Developmental toxin, Respiratory system, Kidney, Eyes, Skin, Cardiovascular system, Bone Marrow.
Aggravated Medical Conditions	Allergies. Skin disorders. Respiratory disorders. Neurological disorders.
Potential Environmental Effects	See Section 12 for additional Ecological information

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Sodium sulfonate	68608-26-4
Methyl Salicylate	119-36-8
Petroleum distillates, hydrotreated light	64742-47-8
Isobutyl acetate	110-19-0
n-Amyl acetate	628-63-7
Nonylphenol Polyethylene Glycol Ether	127087-87-0
Tallamide DEA	68155-20-4
TEA Tallate	67784-78-5
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	64742-52-5
1-Butanol, 2-methyl-, acetate	624-41-9

4. FIRST AID MEASURES

General Advice	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes . Get medical attention immediately.
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.

5. FIRE-FIGHTING MEASURES

Flash Point 87°F / 31°C **Method** Seta closed cup
Autoignition Temperature No information available
Flammability Limits in Air % Mixture **Upper** 10.1 **Lower** 1.1
Suitable Extinguishing Media
Water spray. Carbon dioxide (CO_2). Foam. Dry chemical.
Specific Hazards Arising from the Chemical

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**	3	**Instability**	0
HMIS	**Health**	2	**Flammability**	3	**Instability**	0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental Precautions Prevent further leakage or spillage if safe to do so.

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 Pick up and transfer to properly labeled containers .

Neutralizing Agent Not applicable

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.

Storage Keep away from open flames, hot surfaces and sources of ignition.

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

Storage Conditions **Indoor** X **Outdoor** X **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Sodium sulfonate	No data available	no data available	no data available
Methyl Salicylate	No data available	no data available	no data available
Petroleum distillates, hydrotreated light	No data available	no data available	no data available
Isobutyl acetate	TWA: 150 ppm	TWA: 150 ppm TWA: 700 mg/m^3	IDLH: 1300 ppm TWA: 700 mg/m^3 TWA: 150 ppm
n-Amyl acetate	TWA: 50 ppm STEL: 100 ppm	TWA: 100 ppm TWA: 525 mg/m^3	IDLH: 1000 ppm TWA: 100 ppm TWA: 525 mg/m^3
Nonylphenol Polyethylene Glycol Ether	No data available	no data available	no data available
Tallamide DEA	No data available	no data available	no data available
TEA Tallate	No data available	no data available	no data available
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	No data available	no data available	no data available
1-Butanol, 2-methyl-, acetate	TWA: 50 ppm STEL: 100 ppm	no data available	no data available

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

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles.

Skin Protection Impervious gloves.

Respiratory Protection In case of inadequate ventilation wear respiratory protection.

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	Amber	**Odor**	Fruity
Appearance	Transparent	**pH**	Not applicable
Specific Gravity	0.883	**Bulk Density**	No information available
Evaporation Rate	0.31 (Butyl acetate=1)	**Percent Volatile (Volume)**	77.1
VOC Content (%)	72.9	**VOC Content (g/l)**	644
Vapor Pressure	5.83 mmHg @ 70 °F	**Vapor Density**	4.1
Solubility	Emulsifies	**Boiling Point/Range**	244°F / 118°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. Nitric acid. Chromic acid. Bases. Ketones.

Hazardous Decomposition Products Carbon oxides. Sulfur 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
Sodium sulfonate	no data available	no data available	no data available	no data available	no data available
Methyl Salicylate	887 mg/kg (Rat)	2500 mg/kg (Rat) 5000 mg/kg (Rabbit)	no data available	no data available	no data available
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
Isobutyl acetate	13400 mg/kg (Rat)	5000 mg/kg (Rabbit)	no data available	no data available	no data available
n-Amyl acetate	1600 mg/kg (Rat)	no data available	no data available	no data available	no data available
Nonylphenol Polyethylene Glycol Ether	no data available	no data available	no data available	no data available	no data available
Tallamide DEA	no data available	no data available	no data available	no data available	no data available
TEA Tallate	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	2.18 mg/L (Rat) 4 h	no data available	no data available
1-Butanol, 2-methyl-, acetate	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium sulfonate	no data available	no data available	no data available	no data available	no data available
Methyl Salicylate	no data available	no data available	no data available	no data available	CNS, Kidneys
Petroleum distillates, hydrotreated light	no data available	no data available	no data available	no data available	CNS, cardiovascular system
Isobutyl acetate	no data available	no data available	no data available	no data available	eyes, skin, respiratory system, CNS
n-Amyl acetate	no data available	Skin sensitization	X	no data available	eyes, skin, respiratory system, CNS, bone marrow
Nonylphenol Polyethylene Glycol Ether	no data available	no data available	no data available	no data available	no data available
Tallamide DEA	no data available	no data available	no data available	no data available	no data available
TEA Tallate	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
1-Butanol, 2-methyl-, acetate	no data available	no data available	no data available	no data available	no data available

Carcinogenicity .

Component	ACGIH	IARC	NTP	OSHA	Other
Sodium sulfonate	not applicable	not applicable	not applicable	not applicable	not applicable
Methyl Salicylate	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, hydrotreated light	not applicable	not applicable	not applicable	not applicable	not applicable
Isobutyl acetate	not applicable	not applicable	not applicable	not applicable	not applicable
n-Amyl acetate	not applicable	not applicable	not applicable	not applicable	not applicable
Nonylphenol Polyethylene Glycol Ether	not applicable	not applicable	not applicable	not applicable	not applicable
Tallamide DEA	not applicable	not applicable	not applicable	not applicable	not applicable
TEA Tallate	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
1-Butanol, 2-methyl-, acetate	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
Sodium sulfonate	no data available	no data available	no data available	no data available	N/A
Methyl Salicylate	no data available	no data available	EC50 = 380 mg/L 16 h EC50 = 989 mg/L 1 h	EC50 = 50 mg/L 24 h	2.55
Petroleum distillates, hydrotreated light	no data available	LC50= 1740 mg/L Lepomis macrochirus 96 h LC50= 45 mg/L Pimephales promelas 96 h	no data available	LC50 = 4720 mg/L 96 h	N/A
Isobutyl acetate	no data available	LC50 101 - 123 mg/L Leuciscus idus melanotus 48 h LC50= 100 mg/L Lepomis macrochirus 96 h LC50= 101 mg/L Leuciscus idus melanotus 48 h LC50= 5 mg/L Pimephales promelas 96 h	no data available	EC50 = 168 mg/L 24 h	1.72
n-Amyl acetate	no data available	LC50= 650 mg/L Lepomis macrochirus 96 h	no data available	no data available	N/A
Nonylphenol Polyethylene Glycol Ether	no data available	no data available	no data available	no data available	N/A
Tallamide DEA	no data available	no data available	no data available	no data available	N/A
TEA Tallate	no data available	no data available	no data available	no data available	N/A
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	no data available	LC50> 5000 mg/L Pimephales promelas 96 h	no data available	EC50 > 1000 mg/L 48 h	N/A
1-Butanol, 2-methyl-, acetate	no data available	no data available	no data available	no data available	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 Flammable liquids, n.o.s.
Hazard Class 3
UN-No UN1993
Packing Group III
Description Flammable liquids, n.o.s.(Isobutyl acetate,n-Amyl acetate),3,UN1993,PG III

TDG
Proper shipping name Flammable liquid, n.o.s.
Hazard Class 3
UN-No UN1993
Packing Group III
Description FLAMMABLE LIQUID, N.O.S.(Isobutyl acetate,n-Amyl acetate),3,UN1993,PG III

ICAO
UN-No UN1993
Proper Shipping Name Flammable liquid, n.o.s.*
Hazard Class 3
Packing Group III
Shipping Description Flammable liquid, n.o.s.*(Isobutyl acetate,n-Amyl acetate),3,UN1993,PG III

IATA
UN-No UN1993
Proper Shipping Name Flammable liquid, n.o.s.*
Hazard Class 3
Packing Group III
ERG Code 3L
Shipping Description UN1993,Flammable liquid, n.o.s.*(Isobutyl acetate,n-Amyl acetate),3,PG III

IMDG/IMO
Proper Shipping Name Flammable liquid, n.o.s.
Hazard Class 3
UN-No UN1993
Packing Group III
EmS No. F-E, _S-E_
Shipping Description UN1993, Flammable liquid, n.o.s.(Isobutyl acetate,n-Amyl acetate),3,PG III

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 does not contain any chemicals which are subject to the reporting requirements of the Act and 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
Sodium sulfonate	Not applicable	Not applicable
Methyl Salicylate	Not applicable	Not applicable
Petroleum distillates, hydrotreated light	Not applicable	Not applicable
Isobutyl acetate	5000 lb	Not applicable
n-Amyl acetate	5000 lb	Not applicable
Nonylphenol Polyethylene Glycol Ether	Not applicable	Not applicable
Tallamide DEA	Not applicable	Not applicable
TEA Tallate	Not applicable	Not applicable
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	Not applicable	Not applicable
1-Butanol, 2-methyl-, acetate	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

B2 Flammable liquid, D2B Toxic materials .

16. OTHER INFORMATION

Prepared By	Kristen Stansbury
Supercedes Date	07/16/2001
Issuing Date	02/06/2009
Reason for Revision	No information available
Glossary	No information available
List of References	TBD

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