Safety Data Sheet: CHERRY MAT

Supercedes Date 02/26/2009 **Issuing Date** 12/18/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CHERRY MAT
Recommended use Use in drains Emulsifier Flow improver
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 0894
Chemical nature Hydrocarbons
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Red **Physical State** Liquid **Odor** Cherry Pine

GHS
Classification

Physical Hazards

Flammable liquids	Category 4

Health Hazard

Aspiration Toxicity	Category 1
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A
Skin Sensitization	Category 1
Specific target organ systemic toxicity (single exposure)	Category 3
Specific target organ systemic toxicity (repeated exposure)	Category 2

Other hazards
None

Labeling
Signal Word
DANGER

Hazard Statements
H227 - Combustible liquid
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H304 - May be fatal if swallowed and enters airways
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace
P261 - Avoid breathing vapors or mist
P271 - Use in a well-ventilated area.
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs, get medical attention
P362 - Take off contaminated clothing and wash before reuse
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P342 + P311 - If experiencing respiratory symptoms, call a physician
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P403 + P235 - Store in a well-ventilated place. Keep cool
P233 - Keep container tightly closed
P501 - Dispose of contents and container in accordance with applicable regulations.

35 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
1-Tetradecene	1120-36-1	40-70
Terpene hydrocarbons	68956-56-9	15-40
Alcohols, C 12-14 secondary, ethoxylated	84133-50-6	3-7
Benzaldehyde	100-52-7	1-5
Terpene Alcohols	273-309-3	1-5
2-Butyl-1-decene	51655-65-3	1-5
2-Ethyl-1-dodecene	19780-34-8	1-5

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing 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 symptoms occur. 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. Rinse mouth.

Notes to physician Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways. May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point 164 °F / 73 °C **Method** Seta closed cup

Flammability Limits in Air % Mixture. **Upper** 12.7 **Lower** 1.3

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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** 2 **Instability** 0

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment. 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 Use nonsparking tools and explosion-proof lamps and electric appliances. 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. Avoid breathing vapors or mists.

Storage Keep away from heat and sources of ignition. Keep container tightly closed in a dry 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
1-Tetradecene	No data available	No data available	No data available
Terpene hydrocarbons	No data available	No data available	No data available
Alcohols, C 12-14 secondary, ethoxylated	No data available	No data available	No data available
Benzaldehyde	No data available	No data available	No data available
Terpene Alcohols	No data available	No data available	No data available

2-Butyl-1-decene	No data available	No data available	No data available
2-Ethyl-1-dodecene	No data available	No data available	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin Protection Impervious 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 Wear protective gloves/clothing. 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	Red	**Odor**	Cherry Pine
Odor Threshold	Not applicable	**Appearance**	Transparent
pH	Not applicable	**Specific Gravity**	0.805
Evaporation Rate	0.04 (Butyl acetate=1)	**Percent Volatile (Volume)**	95.5
VOC Content (%)	94.7	**VOC Photoreactive (Y/N)**	Yes
VOC Content (g/L)	763	**Vapor Pressure**	0.68 mmHg @ 70°F
Vapor Density	4.9 (Air = 1.0)	**Solubility**	Negligible
n-Octanol/Water Partition	No data available	**Melting Point/Range**	No data available
Decomposition Temperature	No data available	**Boiling Point/Range**	425 °F / 218 °C
Flammability (solid, gas)	No data available		
Flash Point	164 °F / 73 °C	**Method**	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	Mixture.	**Upper** 12.7 **Lower** 1.3	

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, Strong bases.

Hazardous Decomposition Products Carbon oxides, Hydrocarbons.

Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50 No information available

Dermal LD50 No information available

Inhalation LC50

Gas No information available

Mist No information available

Vapor No information available

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 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 skin contact may defat the skin and produce dermatitis. May cause sensitization by skin contact. Contains a known or suspected carcinogen.

Target Organ Effects Central Nervous System, Lungs, Respiratory system.

Aggravated Medical Conditions Neurological disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
1-Tetradecene	> 10000 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	no data available	no data available	no data available
Terpene hydrocarbons	no data available	no data available	no data available	no data available	no data available
Alcohols, C 12-14 secondary,	no data available	no data available	no data available	no data available	no data available

ethoxylated					
Benzaldehyde	= 800 mg/kg (Rat)	> 1250 mg/kg (Rabbit)	no data available	no data available	no data available
Terpene Alcohols	no data available	no data available	no data available	no data available	no data available
2-Butyl-1-decene	no data available	no data available	no data available	no data available	no data available
2-Ethyl-1-dodecene	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
1-Tetradecene	no data available	no data available	no data available	no data available	no data available
Terpene hydrocarbons	no data available	Skin sensitization	no data available	no data available	CNS, lungs
Alcohols, C 12-14 secondary, ethoxylated	no data available	no data available	no data available	no data available	respiratory system
Benzaldehyde	no data available	no data available	no data available	no data available	no data available
Terpene Alcohols	no data available	no data available	no data available	no data available	no data available
2-Butyl-1-decene	no data available	no data available	no data available	no data available	no data available
2-Ethyl-1-dodecene	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
1-Tetradecene	not applicable	not applicable	not applicable	not applicable	not applicable
Terpene hydrocarbons	not applicable	not applicable	not applicable	not applicable	not applicable
Alcohols, C 12-14 secondary, ethoxylated	not applicable	not applicable	not applicable	not applicable	not applicable
Benzaldehyde	A3	not applicable	not applicable	not applicable	not applicable
Terpene Alcohols	not applicable	not applicable	not applicable	not applicable	not applicable
2-Butyl-1-decene	not applicable	not applicable	not applicable	not applicable	not applicable
2-Ethyl-1-dodecene	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
1-Tetradecene	no data available	no data available	EC50 > 10000 mg/L 6 h	no data available	N/A
Terpene hydrocarbons	no data available	no data available	no data available	no data available	N/A
Alcohols, C 12-14 secondary, ethoxylated	no data available	LC50 = 3.2 mg/L Pimephales promelas 96 h	no data available	EC50= 3.2 mg/L 48 h	N/A
Benzaldehyde	no data available	LC50 10.6 - 11.8 mg/L Oncorhynchus mykiss 96 h LC50 = 12.69 mg/L Oncorhynchus mykiss 96 h LC50 0.8 - 1.44 mg/L Lepomis macrochirus 96 h LC50 6.8 - 8.53 mg/L Pimephales promelas 96 h LC50 = 7.5 mg/L Lepomis macrochirus 96 h	EC50 = 4.85 mg/L 30 min EC50 = 5.08 mg/L 15 min EC50 = 6.11 mg/L 5 min	EC50= 50 mg/L 24 h	1.48
Terpene Alcohols	no data available	no data available	no data available	no data available	N/A
2-Butyl-1-decene	no data available	no data available	no data available	no data available	N/A
2-Ethyl-1-dodecene	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 <130gals NOT REGULATED >130 gals; Terpene hydrocarbons, n.o.s.
Hazard Class 3
UN-No UN2319
Packing Group III

Description Terpene hydrocarbons, n.o.s.,3,UN2319,PG III

TDG

Proper shipping name Terpene hydrocarbons, n.o.s
Hazard Class 3
UN-No UN2319
Packing Group III

ICAO

UN-No UN2319
Proper Shipping Name Terpene hydrocarbons, n.o.s.
Hazard Class 3
Packing Group III
Shipping Description Terpene hydrocarbons, n.o.s.,3,UN2319,PG III

IATA

UN-No UN2319
Proper Shipping Name Terpene hydrocarbons, n.o.s.
Hazard Class 3
Packing Group III
ERG Code 3L
Shipping Description UN2319,Terpene hydrocarbons, n.o.s.,3,PG III

IMDG/IMO

Proper Shipping Name Terpene hydrocarbons, n.o.s.
Hazard Class 3
UN-No UN2319
Packing Group III
EmS No. F-E, S-D
Shipping Description UN2319, Terpene hydrocarbons, n.o.s.,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 40 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
1-Tetradecene	Not applicable	Not applicable
Terpene hydrocarbons	Not applicable	Not applicable
Alcohols, C 12-14 secondary, ethoxylated	Not applicable	Not applicable
Benzaldehyde	Not applicable	Not applicable
Terpene Alcohols	Not applicable	Not applicable
2-Butyl-1-decene	Not applicable	Not applicable
2-Ethyl-1-dodecene	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By Sarah Williamson
Supercedes Date 02/26/2009
Issuing Date 12/18/2013
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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