

Material Safety Data Sheet

Revision Date 15-Jan-2010

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 54623
Product name Citrisolv ODC Free Cleaner
Recommended Use Cleaner

Supplier Lawson Products, Inc.
 1666 East Touhy Avenue
 Des Plaines, IL 60018
 (847)-827-9666

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant.

Aggravated Medical Conditions

Pre-existing lung disorders. Pre-existing skin conditions may be aggravated by exposure to this product.

Principal Routes of Exposure

Eyes. Skin. Inhalation.

Potential health effects

Eyes Contact with eyes may cause irritation.
Skin Repeated or prolonged exposure may cause: Skin Irritation.
Inhalation May cause the following effects. Irritation of the nose or throat.
Ingestion No adverse affects expected

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Naphtha (petroleum), hydrotreated heavy	64742-48-9	75-85
D-Limonene	5989-27-5	15-25

4. FIRST AID MEASURES

Eye contact Wash off with plenty of water.
Skin contact Wash off immediately with plenty of water.
Ingestion Do not induce vomiting. In case of ingestion, the stomach should be emptied by gastric lavage under qualified medical supervision.

Inhalation Remove to fresh air. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

Flash point °C 48.89
Flash point °F 120
Method Tag closed cup

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)
Upper 4.4%
Lower 0.7%

Suitable extinguishing media

Foam. Carbon dioxide (CO₂). Dry chemical.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Fire and Explosion Hazards

Vapors are heavier than air and may travel along the ground to an ignition source distant from material handling area. Possible ignition sources include pilot lights, flames, lighted cigarettes, heating elements, electric motors, sparks from electrical switches.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Smoke in SMOKING AREAS ONLY.

Storage

Follow all label directions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)

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Free Cleaner**

Naphtha (petroleum), hydrotreated heavy	-	-	-	-
D-Limonene	-	-	-	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits

Hygiene measures

Wash hands before eating or using the washroom.

Respiratory protection

Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear a MSHA/NIOSH approved respirator.

Hand Protection

Gloves are recommended to prevent prolonged or repeated contact.

Eye protection

Safety glasses.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Cloudy
Odor	Citric
Odor Threshold	No information available
pH	No data available
Specific Gravity	No data available
Vapor pressure	No data available
Vapor density	>1 (Air = 1)
Evaporation Rate	No data available
Water solubility	No data available
VOC Content	100 %
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	154.4
Boiling point/range °F	310
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	48.89
Flash point °F	120

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Avoid open flames. Direct sunlight.

Incompatibility

Strong oxidizers. Strong acids. Bases. Selected amines.

Hazardous Decomposition Products

Carbon oxides. Carbon dioxide. Phosgene . Various hydrocarbons.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
Naphtha (petroleum), hydrotreated heavy 64742-48-9	5000 mg/kg	3160 mg/kg	-
D-Limonene 5989-27-5	4400 mg/kg	2000 mg/kg	-

Synergistic Products

None known

Potential health effects

Sensitization

None known

Chronic toxicity

None known

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

None known

Target Organ Effects

See Section 2

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Naphtha (petroleum), hydrotreated heavy	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
D-Limonene	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Naphtha (petroleum), hydrotreated heavy

Water Flea Data

Chaetogammarus marinus hLC50 96 (2.6 mg/L)

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13. DISPOSAL CONSIDERATIONS

Disposal Information

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

DOT

Not Regulated

TDG

Not Regulated

IMDG/IMO

Not Regulated

IATA

Not Regulated

MEX

Not Regulated

15. REGULATORY INFORMATION

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Naphtha (petroleum), hydrotreated heavy	Not Listed	Not Listed	Not Listed
D-Limonene	Not Listed	Not Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Naphtha (petroleum), hydrotreated heavy	X	X	-	X
D-Limonene	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

Health - 1

Flammability - 2

Reactivity - 0

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.