



Citrus-Clean Cleaner & Degreaser

S.D.S.

Safety Data Sheet

According To Federal Register / Vol. 77 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 04/27/2014 Date Of Issue: 04/27/2014 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Production Identifier

Product Form: Mixture

Product Name: Citrus-Clean Cleaner & Degreaser

Product Code: CIT001

1.2. Intended Use of the Product

Use of the substance/mixture: Cleaning compound for grease removal

1.3. Name, Address, and Telephone of the Responsible Party

Company

Romix, Inc.

P.O. Box 1110

Colleyville, Texas 76034

1-800-331-2243

romixchem.com

1.4. Emergency Telephone Number

Emergency Number:

Chem-Tel 1-800-255-3924, Romix 1- 800-331-2243

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Not Classified

2.2. Label Elements

GHS-US Labeling

No labeling applicable

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 COMPONENT/SUBSTANCE	CAS-NO.	CONCENTRATION BY WEIGHT
CITRUS TERPENES	94266-47-4	<50%
LINER ALCOHOL ETHOXYLATE SURFACTANT	68439-46-3	<5%

Note: Other components are non-hazardous / not reportable

3.2 Mixture

This mixture is not combustible. Combustible is defined by having a flash point between 100° F (37.8° C) and 200° F (93.3° C). (OSHA 29CFR 1910.1200) Product flash point is >260° F. Therefore this mixture is non-hazardous.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).



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First-aid Measures After Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures after Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most Important Symptoms and Effects, both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries after Eye Contact: May cause eye irritation.

Symptoms/Injuries after Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible)

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information: Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing vapor, mist, or spray.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public water, treat as oil spill.

6.3. Methods and Materials for Containment and Cleaning Up For Containment:

Contain any spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers.

Transfer spilled material to a suitable container for disposal. There are no special reporting requirement for spills of this mixture.

6.4. Reference to Other Sections



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See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

7.3. Specific End Use(s): Cleaning compound for: asphalt, tar and grease removal.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

No Occupational Exposure Limits (OELs) have been established for this mixture. However; Citrus Terpenes: 8h TWA = 30ppm (AIHA Standard)

8.2. Exposure Controls

Appropriate Engineering Control: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers

should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: Protective goggles. Gloves. Protective clothing.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed Established Occupational Exposure Limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Green
Odor:	Citrus
Odor Threshold:	No Data Available
pH:	No Data Available
Evaporation Rate:	No Data Available



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Melting Point:	No Data Available
Freezing Point:	No Data Available
Boiling Point:	380° F (193.3.3° C)
Flash Point:	(CCCFP) >260° F (>126.67° C)
Auto-ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Flammability:	No Data Available
Volatile Organic Compound (VOC) Content	>95% By Volume
Relative Vapor Density at 20°C:	No Data Available
Relative Density:	No Data Available
Specific Gravity:	@60 °F .8526
Solubility In Water:	No Data Available
Partition Coefficient: N-octanol/water:	No Data Available
Viscosity:	@100°F 68.9 SUS

9.2. **Other Information:** No additional information available.

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. **Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. **Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.
- 10.5. **Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.
- 10.6. **Hazardous Decomposition Products:** Carbon Oxides (CO, CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. **Information On Toxicological Effects**
 - Germ Cell Mutagenicity:** Not Classified
 - Carcinogenicity:** Not Classified
 - Reproductive Toxicity:** Not Classified
 - Specific Target Organ Toxicity (Single Exposure):** Not Classified
 - Specific Target Organ Toxicity (Repeated Exposure):** Not Classified
 - Aspiration Hazard:** Not Classified
 - Symptoms/Injuries After Inhalation:** May cause respiratory irritation.
 - Symptoms/Injuries After Skin Contact:** May cause skin irritation.
 - Symptoms/Injuries After Eye Contact:** May cause eye irritation.
 - Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.
 - Chronic Symptoms:** None expected under normal conditions of use.
- 11.2. **Acute Toxicity**

COMPONENTS	CAS-NO.	ECHA #	LD50 of Ingredient Rabbit		Toxicity By Inhalation
			Oral	Dermal	
CITRUS TERPENES	94266-47-4	304-454-3	LD50>5g/kg	LD50>5g/kg	RD50>1g/kg
LINER ALCOHOL ETHOXYLATE SURFACTANT	68439-46-3	614-482-0	2700mg/kg		N/A



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SECTION 12: ECOLOGICAL INFORMATION

- 12.1. **Toxicity** Non Toxic
- 12.2. **Persistence and Degradability** Biodegradable
- 12.3. **Bioaccumulative Potential** None Not Bioaccumulative
- 12.4. **Mobility in Soil** No additional information available
- 12.5. **Other Adverse Effects** FDA list Citrus Terpenes (D-Limonene) as GRAS in 21 CFR 182.20 and 182.6

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment

SECTION 14: TRANSPORT INFORMATION

- 14.1. **In Accordance with DOT** Not regulated for transport
- 14.2. **In Accordance with IMDG** Not regulated for transport
- 14.3. **In Accordance with IATA** Not regulated for transport
- 14.4. **Proper Shipping Name/Class:** Compound Cleaning Liquid N.O.S. (Containing Non Hazardous Oil) Class 55

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

15.1. US Federal Regulations

15.2. US State Regulations

Neither this product nor its chemical components appear on any US state lists.

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

None

313 Reportable Ingredients:

CERCLA (Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: D2B

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number listed on the Canadian Ingredient Disclosure List are shown in Section 3.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the



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New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

EINECES (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 1Vbk Index: Not applicable

Risk Phrases	Symbols(s) Required for Label	Safety Phrases
R36/38 Irritating to eyes and skin		S2 Keep out of reach of children. S46 If swallowed, seek medical advice immediately and show this container or label. S36/37/39 Wear suitable protective clothing, gloves, and eye protection.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

HMIS Ratings:

Health 1

Flammability 0

Physical Hazard 1

Personal Protective Equipment B

Health Hazards

H320: Causes Eye Irritation

1=Slight

2=Moderate

0=Insignificant

3=High

B=Safety Glasses

4=Extreme

Revision Date:

04/272014

Other Information:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.122

SDS Prepared By:

SDS Coordinator, Romix, Inc. Colleyville, TX 76034 1-800-331-2243

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Data is based on information from the manufacturer of the product and manufacturer of the components of the product. Romix assumes no responsibility for injury or damage caused by abnormal use of the product contrary to safety procedures not adhered to this SDS.