

Safety Data Sheet

Orange Oil Light

Section 1: Identification

GHS product identifier

Product name: Orange Oil Light

Product Code: 2

Recommended uses and uses advised against

Recommended use:

For use as a cleaning solvent and adhesive remover.

Uses not recommended:

None.

Supplier details

Aleva Chemical, Inc.
 1792 Latham St.
 Memphis, TN 38106

Telephone (general)
 Website:

(888)504-8178
alevachem.com

Emergency telephone number

Infotrac:

(800) 535-5053

Section 2: Hazard identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

Flammable Liquid 3

Label Elements

OSHA HCS 2012

Warning



Hazard Statements

H226 Flammable liquid and vapor.

Precautionary Statements

Prevention

P210 Keep away from heat, sparks, open flames and hot surfaces.
 No smoking.
 P233 Keep container tightly closed.
 P240 Ground/Bond container and receiving equipment.
 P241 Use explosion-proof equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P280 Wear protective gloves, eye protection.

Response

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.
 Rinse skin with water/shower.
 P370 + P378 In case of fire: see section 5 to extinguish.

Storage/Disposal

P501 Dispose of contents/container per guidelines in section 13.
 P403 + P235 Store in a well-ventilated place.
 Keep cool.

Other hazards

OSHA HCS 2012

No data available.

Other information

NFPA



Section 3: Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance.

Mixtures

Mineral Spirits	[White Spirits, Stoddart Solvent, Varnishing Oil, Aliphatic Naphtha]	CAS No. 64742-47-8	8% - 26%
d-Limonene	[None Specified]	CAS No. 5989-27-5	1% - 25%
Glycol Ether EB	[Butyl Glycol Ether]	CAS No. 111-76-2	0% - 12%
Potassium Hydroxide	[Caustic Potash]	CAS No. 1310-58-3	0% - 5%
Detergent Builders	[]	CAS No. Not specified	0% - 5%
Proprietary Dispersants/Stabilizers	[Proprietary Dispersants]	CAS No. Not Applicable	0% - 3%

See section 11 for toxicological information.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation:

Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Seek medical attention immediately. Medical personnel should consider administering oxygen.

Skin:

P302 IF ON SKIN: Wash with plenty of water. P321 Specific treatment: see section 4 (first aid). P332 + P313 If skin irritation occurs: Get medical advice/attention. P362 + P364 Take off contaminated clothing and wash it before use.

Eye:

Flush eye(s) with copious quantities of water. If persistent irritation occurs, obtain medical attention.

Ingestion:

Give large amounts of fresh water or milk immediately. Do not give anything by mouth if person is unconscious or otherwise unable to swallow. If vomiting occurs, keep head below hips to prevent aspiration. Treat symptomatically and supportively. Seek medical attention immediately.

Most important symptoms and effects, both acute and delayed

Refer to section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed:

All treatments should be based on observed signs and symptoms of distress in the patient.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Water fog, dry chemical, CO2 or foam.

Unsuitable extinguishing media:

No data available.

Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:

Containers may explode from internal pressure if confined to fire. Cool with water spray. Vapor accumulation could flash or explode if in contact with an open flame.

Hazardous combustion products:

Material data lacking.

Advice for firefighters

Use water spray to cool containers exposed to fire. Spilled product on ground may be slippery.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material.

Emergency procedures:

As an immediate precautionary measure, isolate spill or leak for at least 50 meters.

Environmental precautions

Avoid run off to waterways and sewers.

Methods and material for containment and clean-up

Wear appropriate personal protective equipment before approaching spill site. For small spills, dilute with water to sewer if allowed by local and state regulations. If unable to wash product with water, absorb inert material with sand or other approved material and dispose of in accordance with applicable regulations.

Section 7: Handling and Storage

Precautions for safe handling

Handling:

Keep in a tightly closed container, stored in a cool, dry, ventilated area below 44C. Protect against physical damage. Isolate from incompatible substances.

Conditions for safe storage, including any incompatibilities

Storage:

Store at or near room temperature. Keep container closed when not in use.

Incompatible materials or ignition sources:

Oxidizers or oxidizing materials.

Section 8: Exposure Controls/Personal Protection

Control parameters

Component	Result	Exposure Limits/Guidelines		
		NIOSH	ACGIH	Canada Ontario
Mineral Spirits CAS No. 64742-47-8	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	100 ppm	Data lacking
d-Limonene CAS No. 5989-27-5	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	Data lacking	Data lacking

Exposure controls

Engineering measures and controls:

Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Incompatible materials or ignition sources:

Pictograms:

Respiratory:

Not required.

Eye and face:

Protective eye and face equipment not required.

Hands:

Must wear chemical protective gloves when using this product.

Skin and body:

Chemical protective clothing not required but may be employed if desired.

General industrial hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling.

Environmental exposure controls:

Follow best practice for site management and disposal of waste. Avoid release to the environment.

Key to Abbreviations

ACGIH= American Conference of Governmental Industrial Hygiene
 OSHA =Occupational Safety and Health Administration
 MSHA = Mine Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures
 NIOSH= National Institute of Occupational Safety and Health
 STEV = Short Term Exposure Value

STEL = Short Term Exposure Limits are based on 15-minute exposures

Section 9: Physical and Chemical Properties

Information on physical and chemical properties

Material Description				
Physical Form	Liquid		Appearance/Description	Clear and mobile liquid.
Color	Clear to pale yellow		Odor	Distinctive citrus and petroleum distillate odor.
Taste	Data lacking		Particulate Type	Not relevant
Particulate Size	Not relevant		Aerosol Type	Not relevant
Odor Threshold	Data lacking		Physical and Chemical Properties	Data lacking
General Properties				
Boiling Point	212F		Melting Point	Data lacking
Decomposition Temperature	Data lacking		Heat of Decomposition	Data lacking
pH	8		Specific Gravity/Relative Density	0.90
Density	Data lacking		Bulk Density	Data lacking
Water Solubility	Dispersable		Solvent Solubility	Data lacking
Viscosity	Data lacking		Explosive Properties	Classification criteria not met
Oxidizing Properties:	Data lacking			
Volatility				
Vapor Pressure	Data lacking		Vapor Density	> 1
Evaporation Rate	< 1 as water		VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking		Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking			
Flammability				
Flash Point	>200F		UEL	Data lacking
LEL	Data lacking		Autoignition	Data lacking
Self-Accelerating Decomposition Temperature (SADT)	Data lacking		Heat of Combustion (ΔHc)	Data lacking
Burning Time	Data lacking		Flame Duration	Data lacking
Flame Height	Data lacking		Flame Extension	Data lacking
Ignition Distance	Data lacking		Flammability (solid, gas)	Data lacking
Environmental				
Half-Life	Data lacking		Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking		Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking		Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking		Persistence	Data lacking
Degradation	Data lacking			

Section 10: Stability and Reactivity

Reactivity

Material data lacking.

Chemical stability

Stable under normal conditions.

Possible hazardous reactions

Not expected to be explosive, self-reactive, self-heating, or an organic peroxide under US GHS definitions.

Conditions to avoid
 Incompatible materials
 Hazardous decomposition products

Material data lacking.
 Oxidizers or oxidizing materials.
 Will not produce hazardous decomposition products.

Section 11: Toxicological Information

Information on toxicological effects

Component	CAS No.	Data
Mineral Spirits	64742-47-8	Data lacking Data lacking Classification criteria not met.
d-Limonene	5989-27-5	LPR-Mus Tdlo: 4800mg/kg/8W-I:ETA; ORL-Mus Tdlo: 67g/kg/389W-I:ETA Data lacking Data lacking

Target organs

Solvent vapors may be irritating to the skin and eyes. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Routes of entry and/or exposure

ASPIRATION HAZARD: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause chemical pneumonia.

Potential health effects

Inhalation

Acute (immediate):

Inhalation of mists or fumes at 400ppm or higher may cause burning sensation in nose & throat, intoxication dizziness, fatigue.

Chronic (delayed):

No data available.

Skin

Acute (immediate):

Considered to be practically non-toxic based on single contact testing with little immediate effect. Skin contact may aggravate existing dermatitis.

Chronic (delayed):

Liquid and vapor may be irritating to the eyes and skin.

Ingestion

Acute (immediate):

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion of this product may result in central nervous system depression including headache, weakness, dizziness, loss of coordination and judgement and coma. Small amounts of this product if aspirated into the lung, may cause mild to severe pulmonary injury, possibly death.

Chronic (delayed):

Product is colorless, combustible liquid with typical mineral spirits odor. Chronic exposure is harmful if swallowed. Product may cause central nervous system depression characterized by nausea, dizziness, headache, lack of coordination, loss of consciousness and coma.

Eye

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

Section 12: Ecological Information

Toxicity

Material data lacking.

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater soils.

Mobility in soil

Not expected to partition to sediment and wastewater solids.

Other adverse effects

No studies have been found.

Other information

No additional information available.

Section 13: Disposal Considerations

Waste treatment methods

Product waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

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

Section 14: Transport Information

Special precautions for user

Transport containers shall be physically secured to the transporting vehicle to prevent accidental loss, tampering, or unauthorized removal.

Transport in bulk according to annex II of MARPOL 73/78 and the IBC code

Section 15: Regulatory Information

Safety, health and environmental regulations specific to substance or mixture

SARA hazard classifications:

None.

Section 16: Other Information

Last revision date:

12/16/2015

Preparation date:

7/17/2018

Disclaimer and statement of liability:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.