Buy Turpentine Online At
https://www.laballey.com/products/turpentine

Safety Data Sheet

CLASSIFICATION IN ACCORDANCE WITH CLP/GHS

Product Name **C8440 TURPENTINE**

Issue Date: December 2016

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier TURPENTINE C8440

1.2 Relevant identified uses of the substance or mixture and uses advised against THINNER FOR OIL BASED COLOURS

1.3 Details of the supplier

Lab Alley LLC
22111 Highway 71 West, Suite 601
Spicewood, Texas 78669
Tel: 512-668-9918

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification
(EC) No1272/2008

Flammable liquids (Category 3) Acute toxicity, Inhalation (Category 4)
Acute toxicity, Dermal (Category 4) Acute toxicity, Oral (Category 4)
Aspiration hazard (Category 1) Eye irritation (Category 2)
Skin irritation (Category 2) Skin sensitization (Category 1)
Chronic aquatic toxicity (Category 2)

According to European Directive 67/548/EEC as amended.
Flammable. Harmful by inhalation, in contact with skin and if swallowed.
Harmful by inhalation, in contact with skin and if swallowed.
Harmful: may cause lung damage if swallowed. Irritating to eyes and skin.
May cause sensitization by skin contact. Toxic to aquatic organisms,
may cause long-term adverse effects in the aquatic environment

2.2 Classification
(CHIP 4)

FLAMMABLE LIQUID
Hazard Symbol(s) Xn, N
R-phrase (s) R10; R20/21/22; R36/38; R43; R51/53; R65

2.3 Label Elements

2.4 Signal Word

DANGER

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2.5 Hazard Statement

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects

2.6 Precautionary Statement

P101 If medical advice is needed, have product container or label at hand
P102 Keep out of reach of children
P280 Wear protective gloves/ protective clothing.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.7 Supplemental information Not applicable

2.8 Other hazard Information Harmful if swallowed.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Name

Name	Cas-No	EC No	Index- No	Classification			Conc'n %
Turpentine	8006-64-2	232-350-7	650-002-00-6	Dgr	GHS02	H226	
						H302	
					GHS08	H304	
					GHS07	H312	
						H315	
						H317	
						H319	
						H332	
					GHS09	H411	

Xn; N; R10; R20/21/22; R36/38; R43; R51/53; R65

3.2 Further Information

Key to abbreviation, hazard statements are risk phrases in Section 16

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact
Wash off with soap and plenty of water. Consult a physician.

Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.
Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
Irritation to eyes, skin, upper respiratory system; headache, drowsiness, dizziness, nausea, vomiting, visual disturbance

4.3 Indication of immediate medical attention and special treatment needed
If swallowed, obtain immediate medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 General Hazard THE PRODUCT IS CLASIFIDED AS FLAMABLE LIQUID

5.2 Extinguishing media
For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water

5.3 Extinguishing media not to be used

5.4 Special hazards arising from the substance or mixture
No data available

5.5 Advice for Fire Fighters
Wear self contained breathing apparatus for fire fighting if necessary

5.6 Other information
Use water spray to cool unopened containers

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

6.4 Reference to other sections

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Section 8 – personal protective measures
Section 13- disposal and waste

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end uses

Thinner for oil base colours

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components	CAS-No.	EC No	Value	Control parameters	Basis
Turpentine	8006-64-2	232-350-7	TWA (8 hours)	100 ppm 566 mg/m3	UK. EH40 WEL - Workplace Exposure Limits
			STEL (15 min)	150 ppm 850 mg/m3	UK. EH40 WEL - Workplace Exposure Limits

8.2 Exposure controls

Eye / face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Other

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Thermal hazards

8.3 Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical form	Liquid
Colour	Colourless
Odour	Pungent

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Product Name **TURPENTINE**

pH	No data available
Melting point	-55 °C
Boiling point	153 - 175 °C
Flash point	36 °C - closed cup
Ignition temperature	233 °C
Lower explosion limit	0.8 %(V)
Upper explosion limit	6 %(V)
Vapour pressure	5 hPa at 20 °C
Density	0.86 kg/l at 23 °C
Water solubility	Insoluble
VOC	0.866 kg/l

9.2 Other information
Miscible with organic solvent

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity
May soften oil or acrylic coatings
10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Strong oxidizing agents

10.4 Conditions to Avoid
Heat, flames and sparks

10.5 Incompatible materials
10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity
LC50 Inhalation - rat - 6 h - 12,000 mg/m3
Remarks: Behavioral: Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration:Dyspnea.

11.2 Skin corrosion/irritation
Skin - rabbit - Severe skin irritation - Draize Test

11.3 Serious eye damage/irritation
Causes serious eye irritation

11.4 Respiratory or skin sensitisation
May cause allergic skin reaction

11.5 CMR effects
no data available

11.6 Other information
Harmful if inhaled. Causes respiratory tract irritation. Harmful if swallowed. Aspiration hazard if swallowed - can enter lungs and cause damage. Harmful if absorbed through skin. Causes skin irritation. Causes serious eye irritation.

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SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity no data available

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4. Mobility in soil no data available

12.5. Results of PBT and vPvB assessment no data available

12.6. Other adverse effects Toxic to aquatic life.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

13.2 Contaminated packaging
Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

ADR/RID

UN-Number:	1299 Class: 3	Packing group: III	
Proper shipping name:	TURPENTINE		

IMDG

UN-Number:	1299 Class: 3	Packing group: III	EMS-No: F-E, S-E
Proper shipping name:	TURPENTINE		
Marine pollutant: No			

IATA

UN-Number:	1299 Class: 3	Packing group: III
Proper shipping name:	TURPENTINE	

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the product
Classification, Labelling and packaging Regulation (EC) 1272/2008
Control of Major Accident Hazards Regulations 1999

15.2 Chemical Safety Assessment
No Chemical Safety Assessment has been carried out.

SECTION 16. OTHER INFORMATION

16.1 Key to Hazard Statements In Section 3

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16.2 Key to Risk Phrases In Section 3

R 10 Flammable
R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/38 Irritating to the eyes and skin.
R43 May cause sensitisation by skin contact
R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirement. It should not construed as guaranteeing specific properties

Data sheet prepared by Lab Alley LLC. Prepared December 2016