

# Safety Data Sheet LEXITE PS II

Supersedes Date 02/26/2016

Issuing Date 08/01/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** LEXITE PS II  
**Recommended use** Cleaning agent  
**Information on Manufacturer**  
CHEMSEARCH DIV. OF NCH CORP.  
BOX 152170  
IRVING, TX 75015

**Product Code** 5600  
**Chemical nature** alcohol solution  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Colorless

**Physical state** Liquid

**Odor** Alcohol

### GHS

#### Classification

##### Physical Hazards

Flammable Aerosols  
Gases under pressure

Category 2  
Liquefied gas

##### Health Hazard

Serious Eye Damage/Eye Irritation  
Specific target organ systemic toxicity (single exposure)

Category 2A  
Category 3

##### Other hazards

None

### Labeling

#### Signal Word

**DANGER**



#### Hazard statements

H223 - Flammable aerosol  
H336 - May cause drowsiness or dizziness  
H319 - Causes serious eye irritation  
H280 - Contains gas under pressure; may explode if heated

#### Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.  
P211 - Do not spray on an open flame or other ignition source  
P251 - Pressurized container: Do not pierce or burn, even after use  
P261 - Avoid breathing vapors, mist or gas  
P271 - Use in a well-ventilated area.  
P280 - Wear protective gloves, protective clothing and eye protection.  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a physician if unwell.  
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.  
P403 - Store in a well-ventilated place  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F  
P501 - Dispose of contents and container in accordance with applicable local regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
ETHANOL	64-17-5	60-100
Methyl acetate	79-20-9	10-30

Carbon dioxide

124-38-9

1-5

\*The exact percentage (concentration) of composition has been withheld as a trade secret

#### 4. FIRST AID MEASURES

<b>General advice</b>	Do not breathe vapors or spray mist. Do not get in eyes, on skin or on clothing.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.
<b>Inhalation</b>	If inhaled, remove to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial respiration. Get medical attention immediately.
<b>Ingestion</b>	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth.
<b>Notes to physician</b>	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

#### 5. FIRE-FIGHTING MEASURES

**Flash Point** 55 °F / 13 °C**Method** Seta closed cup**Flammability Limits in Air %:** Solvent mixture.**Upper:** 36**Lower:** 1.2**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**

Flammable. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Flame extension: 18 inches / 45 cm and Burnback: 6 inch / 15 cm.

**Protective Equipment and Precautions for Firefighters**

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

**Aerosol Level (NFPA 30B) -**

2

**NFPA Health 3****Flammability 4****Instability 0****HMIS Health 3****Flammability 4****Instability 0**

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Material can create slippery conditions. Take precautionary measures against static discharges.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	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).
<b>Methods for Cleaning Up</b>	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
<b>Neutralizing Agent</b>	Not applicable.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapors or spray mist. Do not get in eyes, on skin or on clothing.
<b>Storage</b>	Keep away from heat and sources of ignition. Keep in a dry, cool and well-ventilated place.
<b>Storage Temperature</b>	<b>Minimum</b> 35 °F / 2 °C <b>Maximum</b> 120 °F / 49 °C
<b>Storage Conditions</b>	<b>Indoor</b> X <b>Outdoor</b> <b>Heated</b> <b>Refrigerated</b>

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
ETHANOL	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Methyl acetate	TWA: 200 ppm STEL: 250 ppm	TWA: 200 ppm TWA: 610 mg/m <sup>3</sup>	3100 ppm STEL 250 ppm STEL 760 mg/m <sup>3</sup> TWA: 200 ppm TWA: 610 mg/m <sup>3</sup>
Carbon dioxide	TWA: 5000 ppm	TWA: 5000 ppm	40000 ppm

	STEL: 30000 ppm	TWA: 9000 mg/m <sup>3</sup>	STEL 30000 ppm STEL 54000 mg/m <sup>3</sup> TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup>
<b>Engineering Measures</b>	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.		
<b>Personal Protective Equipment</b>			
<b>Eye/Face Protection</b>	Tightly fitting safety goggles.		
<b>Skin Protection</b>	Wear suitable protective clothing, Impervious gloves.		
<b>Respiratory Protection</b>	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.		
<b>General Hygiene Considerations</b>	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

<b>Physical state</b>	Liquid	<b>Viscosity</b>	Non viscous
<b>Color</b>	Colorless	<b>Odor</b>	Alcohol
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Transparent
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	0.68
<b>Evaporation Rate</b>	124.7 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	100
<b>VOC Content (%)</b>	73	<b>VOC Content (g/L)</b>	496
<b>Vapor Pressure</b>	3782 mmHg @ 70°F	<b>Vapor Density</b>	1.5 (Air = 1.0)
<b>Solubility</b>	Not applicable	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	No data available	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	151 °F / 66 °C	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	55 °F / 13 °C	<b>Method</b>	Seta closed cup
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %:</b>	Solvent mixture	<b>Upper: 36 Lower: 1.2</b>	

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition.
<b>Incompatible Products</b>	Strong oxidizing agents, Strong acids.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon oxides.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

<b>Product Information</b>	No information available.
<b>The following values are calculated based on chapter 3.1 of the GHS document</b>	
<b>Oral LD50</b>	No information available
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available
<b>Principle Route of Exposure</b>	Inhalation, Skin contact, Eye contact.
<b>Primary Routes of Entry</b>	Skin contact, Skin Absorption.
<b>Acute Effects:</b>	
<b>Eyes</b>	Severe eye irritant.
<b>Skin</b>	May cause slight irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract. Inhalation of vapors in high concentration can cause narcotic effects and metabolic acidosis. 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.
<b>Ingestion</b>	Ingestion may cause irritation to mucous membranes. Causes headache, drowsiness or other effects to the central nervous system. Lowered blood pressure. May be fatal or cause blindness if swallowed.
<b>Chronic Toxicity</b>	May cause damage to the kidneys/liver/eyes/brain/digestive system/central nervous system through prolonged or repeated exposure if swallowed. Repeated and prolonged exposure to solvents may cause brain and nervous system damage. Contains a known or suspected carcinogen.
<b>Target Organ Effects</b>	Blood, Central nervous system, Gastrointestinal tract, Liver, Reproductive System, Respiratory system, Eyes, Heart, Kidney, Skin, Spleen, Pancreas.
<b>Aggravated Medical Conditions</b>	Heart, Liver disorders, Neurological disorders, Skin disorders, Respiratory disorders, Kidney

disorders, Blood disorders, Cardiovascular.

## Component Information

**Acute Toxicity**

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
ETHANOL 64-17-5	No data available	no data available	= 124.7 mg/L ( Rat ) 4 h	No data available	No data available
Methyl acetate 79-20-9	> 5000 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	= 16000 ppm ( Rat ) 4 h	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
ETHANOL 64-17-5	No data available	No data available	No data available	No data available	Blood Skin Central nervous system Eyes Respiratory system Reproductive System Liver
Methyl acetate 79-20-9	No data available	No data available	No data available	No data available	Skin Central nervous system Eyes Respiratory system
Carbon dioxide 124-38-9	No data available	No data available	No data available	No data available	Respiratory system Cardiovascular system

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
ETHANOL 64-17-5	A3	Group 1	not applicable	X	not applicable

(1) IARC classification for Ethyl alcohol is intended for use in alcoholic beverage use only. This product is not intended for this use.

**12. ECOLOGICAL INFORMATION**

## Product Information

No information available.

## Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
ETHANOL	No information available.	LC50 12.0 - 16.0 mL/L Oncorhynchus mykiss 96 h LC50 > 100 mg/L Pimephales promelas 96 h LC50 13400 - 15100 mg/L Pimephales promelas 96 h	No information available	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static	-0.32
Methyl acetate	EC50 > 120 mg/L Desmodesmus subspicatus 72 h	LC50 295 - 348 mg/L Pimephales promelas 96 h LC50 250 - 350 mg/L Brachydanio rerio 96 h	EC50 = 6000 mg/L 16 h EC50 = 6100 mg/L 30 min	1026.7: 48 h Daphnia magna mg/L EC50	0.18

**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**

Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION****DOT**

**Proper Shipping Name**  
**Hazard Class**  
**Description**

**DOT**

Consumer commodity  
ORM-D  
Consumer commodity, ORM-D

**TDG**

**Proper shipping name**  
**Hazard Class**  
**UN-No**  
**Description**

Aerosols  
2.1  
UN1950  
UN1950, AEROSOLS, 2.1, LTD QTY

**ICAO****Proper Shipping Name**

DO NOT SHIP AIR

**IATA**

Proper Shipping Name DO NOT SHIP AIR

**IMDG/IMO**

Proper Shipping Name Aerosols  
 Hazard Class 2.1  
 UN-No UN1950  
 EmS No. F-D, S-U  
 Description UN1950, Aerosols,2.1 LTD. QTY.

### 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Component	CAS No.	Weight %	SARA 313 - Threshold Values
Methyl alcohol	67-56-1	0.1-1	1.0

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	Yes	No

**CERCLA**

### 16. OTHER INFORMATION

Prepared By Samantha Purvis  
 Supersedes Date 02/26/2016  
 Issuing Date 08/01/2016  
 Reason for Revision No information available.  
 Glossary No information available.  
 List of References. No information available.

**CHEMSEARCH DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**