



Allied Pressroom Products  
Chemicals for the International Printing Industry

## SAFETY DATA SHEET ECLIPSE STORAGE GUM (USA)

### 1. Identification

#### Product identifier

**Product name** ECLIPSE STORAGE GUM (USA)

#### Recommended use of the chemical and restrictions on use

**Application** Solution for gumming lithographic plates

**Uses advised against** No specific uses advised against are identified.

#### Details of the supplier of the safety data sheet

**Supplier** ALLIED PRESSROOM PRODUCTS  
2040 Lee Street  
Hollywood  
FL 33020  
USA  
+1 800-327-8487 (09:00-17:00 EST)  
+1 954-923-6462  
info@alliedchem.com

**Manufacturer** Same as supplier

#### Emergency telephone number

**Emergency telephone** 24 HR. EMERGENCY TELEPHONE 800-424-9300 CHEMTREC Allied Pressroom Products  
+1 800-327-8487 (09:00-17:00 EST)

**National emergency telephone number** 911

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Flam. Liq. 4 - H227

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

**Environmental hazards** Not Classified

#### **Human health**

Irritating to skin. Irritating to eyes. The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals. The product contains organic solvents. Symptoms following overexposure may include the following: Drowsiness, dizziness, disorientation, vertigo. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

#### **Environmental**

The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

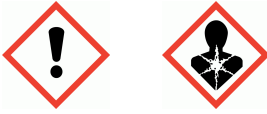
#### **Physicochemical**

Heating may generate flammable vapors.

#### Label elements

## ECLIPSE STORAGE GUM (USA)

### Pictogram



### Signal word

Danger

### Hazard statements

H227 Combustible liquid.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.

### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 If swallowed: Immediately call a poison center/doctor.  
 P331 Do NOT induce vomiting.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

### Contains

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT, SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA, Oils pine

### Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### 3. Composition/information on ingredients

#### Mixtures

<b>DISTILLATES (PETROLEUM) HYDROTREATED LIGHT</b>	<b>10-30%</b>
CAS number: 64742-47-8	
<b>Classification</b>	
Flam. Liq. 4 - H227	
Skin Irrit. 2 - H315	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
<b>POTASSIUM OLEATE</b>	<b>5-10%</b>
CAS number: 143-18-0	
<b>Classification</b>	
Eye Irrit. 2A - H319	
<b>PHOSPHORIC ACID ...%</b>	<b>1-5%</b>
CAS number: 7664-38-2	
<b>Classification</b>	
Met. Corr. 1 - H290	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	

## ECLIPSE STORAGE GUM (USA)

<b>SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA</b> CAS number: 64742-95-6	<b>1-5%</b>
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Asp. Tox. 1 - H304	
<b>Oils pine</b> CAS number: 8002-09-3 M factor (Chronic) = 1	<b>&lt;1%</b>
<b>Classification</b> Flam. Liq. 4 - H227 Skin Sens. 1 - H317 Asp. Tox. 1 - H304	

The Full Text for all Hazard Statements are Displayed in Section 16.

#### 4. First-aid measures

##### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

##### Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	May cause drowsiness or dizziness.
<b>Ingestion</b>	May cause discomfort if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
<b>Skin contact</b>	Irritating. May cause sensitization or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Irritating.

##### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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#### 5. Fire-fighting measures

##### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Carbon dioxide (CO <sub>2</sub> ). Alcohol-resistant foam. Dry chemicals, sand, dolomite etc.
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## ECLIPSE STORAGE GUM (USA)

**Unsuitable extinguishing media** Do not use water, if avoidable.

### Special hazards arising from the substance or mixture

**Specific hazards** No unusual fire or explosion hazards noted.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapors.

### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapors.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### Environmental precautions

**Environmental precautions** Avoid release to the environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

**Reference to other sections** For waste disposal, see Section 13.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapors and spray/mists.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## 8. Exposure Controls/personal protection

### Control parameters

### Occupational exposure limits

#### **DISTILLATES (PETROLEUM) HYDROTREATED LIGHT**

SUP 400 ppm /1600 mg/m<sup>3</sup>

SUP = Supplier's recommendation.

ACGIH - 8 Hour, TWA - 200 mg/m<sup>3</sup>

#### **PHOSPHORIC ACID ...%**

Long-term exposure limit (8-hour TWA): OSHA 1 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 3 mg/m<sup>3</sup>

## ECLIPSE STORAGE GUM (USA)

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

### PHOSPHORIC ACID ...% (CAS: 7664-38-2)

**Immediate danger to life and health** 1000 mg/m<sup>3</sup>

#### Exposure controls

##### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

**Hand protection**

Wear protective gloves made of the following material: Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). Nitrile rubber.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.

**Respiratory protection**

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Emulsion.
<b>Color</b>	Dark brown.
<b>Odor</b>	Hydrocarbons.
<b>Odor threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): 3-4
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	>212°F @ 760 mm Hg
<b>Flash point</b>	145°F TCC (Tag closed cup).
<b>Evaporation rate</b>	<1 (butyl acetate = 1)
<b>Evaporation factor</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	<3 mm Hg @ 20°C

## ECLIPSE STORAGE GUM (USA)

<b>Vapour density</b>	>1
<b>Relative density</b>	1.04 @ 20°C
<b>Bulk density</b>	No information available.
<b>Solubility(ies)</b>	Partially miscible in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 242 g/litre. This product contains a maximum VOC content of 2.0 lb per Gallon.

### 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid heat.
<b>Materials to avoid</b>	Strong oxidizing agents. Strong reducing agents. Strong acids. Strong alkalis.
<b>Hazardous decomposition products</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 19,920.32

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (gases ppm)** 276,625.17

**ATE inhalation (vapours mg/l)** 676.19

**ATE inhalation (dusts/mists mg/l)** 92.21

##### Skin corrosion/irritation

## ECLIPSE STORAGE GUM (USA)

<b>Animal data</b>	Irritating.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Sensitizing.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Pneumonia may be the result if vomited material containing solvents reaches the lungs.
<b><u>Inhalation</u></b>	
<b>Inhalation</b>	May cause respiratory system irritation. The product contains organic solvents. Overexposure may depress the central nervous system, causing dizziness and intoxication.
<b><u>Ingestion</u></b>	
<b>Ingestion</b>	May cause discomfort if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.
<b><u>Skin Contact</u></b>	
<b>Skin Contact</b>	Irritating. Contains components which may penetrate the skin. May cause sensitisation by skin contact.
<b><u>Eye contact</u></b>	
<b>Eye contact</b>	May irritate eyes.
<b><u>Route of entry</u></b>	
<b>Route of entry</b>	Skin absorption Skin and/or eye contact Inhalation Ingestion
<b><u>Target Organs</u></b>	
<b>Target Organs</b>	Skin Eyes Respiratory system, lungs Central nervous system

### 12. Ecological Information

<b>Ecotoxicity</b>	Not known. The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
<b><u>Toxicity</u></b>	
<b>Acute toxicity - fish</b>	Not known.
<b>Acute toxicity - aquatic invertebrates</b>	Not known.
<b>Acute toxicity - aquatic plants</b>	Not known.
<b><u>Ecological information on ingredients.</u></b>	

**DISTILLATES (PETROLEUM) HYDROTREATED LIGHT**

## ECLIPSE STORAGE GUM (USA)

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 25 mg/l, Onchorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 1.4 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 13 mg/l, Pseudokirchneriella subcapitata

### SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA

<b>Acute toxicity - fish</b>	LL <sub>50</sub> , 96 hours: 10 mg/l, Onchorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EL50, 48 hours: 4.5 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EL50, 72 hours: 3.1 mg/l, Pseudokirchneriella subcapitata

#### Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### Ecological information on ingredients.

### DISTILLATES (PETROLEUM) HYDROTREATED LIGHT

<b>Persistence and degradability</b>	The product is readily biodegradable.
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#### Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Partition coefficient** No information available.

#### Ecological information on ingredients.

### SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA

<b>Partition coefficient</b>	log Pow: 3.42
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#### Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is partly miscible with water and may spread in the aquatic environment.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Other adverse effects

**Other adverse effects** Not known.

### 13. Disposal considerations

#### Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.



## ECLIPSE STORAGE GUM (USA)

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

#### UN Number

UN No. (DOT)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082

#### UN proper shipping name

**Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (petroleum distillates, pine oil)

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (petroleum distillates, pine oil)

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (petroleum distillates, pine oil)

#### Transport hazard class(es)

IMDG Class	9
ICAO class/division	9

#### Transport labels



#### Packing group

DOT pack group	III
IMDG packing group	III
ICAO packing group	III

#### Environmental hazards

**Environmentally Hazardous Substance**



#### Special precautions for user

**EmS** F-A, S-F

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not Known

### 15. Regulatory information

#### International Regulations

#### US Federal Regulations

## ECLIPSE STORAGE GUM (USA)

### SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Not listed

### CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

**PHOSPHORIC ACID ...%**

1-5%

**CUMENE**

<0.1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

**ETHYLBENZENE**

<0.01%

**TOLUENE**

<0.01%

### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed

### SARA 313 Emission Reporting

Not listed

### CAA Accidental Release Prevention

Not listed

### FDA - Essential Chemical

Not listed

### FDA - Precursor Chemical

Not listed

### OSHA Highly Hazardous Chemicals

Not listed

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

**CUMENE**

<0.1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

**ETHYLBENZENE**

<0.01%

**TOLUENE**

<0.01%

### California Air Toxics "Hot Spots" (A-I)

## ECLIPSE STORAGE GUM (USA)

**PHOSPHORIC ACID ...%**

1-5%

**CUMENE**

<0.1%

**1,2,4-TRIMETHYLBENZENE**

<1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

**ETHYLBENZENE**

<0.01%

**TOLUENE**

<0.01%

**California Air Toxics "Hot Spots" (A-II)**

Not listed

**California Directors List of Hazardous Substances**

**PHOSPHORIC ACID ...%**

1-5%

**CUMENE**

<0.1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

**ETHYLBENZENE**

<0.01%

**TOLUENE**

<0.01%

**Massachusetts "Right To Know" List**

**PHOSPHORIC ACID ...%**

1-5%

**CUMENE**

<0.1%

**1,2,4-TRIMETHYLBENZENE**

<1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

**ETHYLBENZENE**

<0.01%

## ECLIPSE STORAGE GUM (USA)

**TOLUENE**

<0.01%

**Rhode Island "Right To Know" List**

**PHOSPHORIC ACID ...%**

1-5%

**CUMENE**

<0.1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

**ETHYLBENZENE**

<0.01%

**TOLUENE**

<0.01%

**Minnesota "Right To Know" List**

**PHOSPHORIC ACID ...%**

1-5%

**CUMENE**

<0.1%

**1,2,4-TRIMETHYLBENZENE**

<1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

**ETHYLBENZENE**

<0.01%

**TOLUENE**

<0.01%

**New Jersey "Right To Know" List**

**PHOSPHORIC ACID ...%**

1-5%

**Oils pine**

<1%

**CUMENE**

<0.1%

**1,2,4-TRIMETHYLBENZENE**

<1%

**NAPHTHALENE**

<0.01%

**BENZENE**

<0.01%

## ECLIPSE STORAGE GUM (USA)

**ETHYLBENZENE**

&lt;0.01%

**TOLUENE**

&lt;0.01%

**Pennsylvania "Right To Know" List****PHOSPHORIC ACID ...%**

1-5%

**CUMENE**

&lt;0.1%

**1,2,4-TRIMETHYLBENZENE**

&lt;1%

**NAPHTHALENE**

&lt;0.01%

**BENZENE**

&lt;0.01%

**ETHYLBENZENE**

&lt;0.01%

**TOLUENE**

&lt;0.01%

**Inventories****Canada - DSL/NDL**

All the ingredients are listed or exempt.  
DSL

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification****Diutan**

&lt;0.1%

**16. Other information**

**Key literature references and sources for data** Material Safety Data Sheet, Misc. manufacturers.

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** J Waterfield

**Revision date** 6/10/2015

**Revision** 2.0

**Supersedes date** 11/1/2014

**SDS No.** 21421

## ECLIPSE STORAGE GUM (USA)

<b>Hazard statements in full</b>	H227 Combustible liquid. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation.
<b>ACA HMIS Health rating.</b>	Moderate hazard. (2)
<b>ACA HMIS Physical hazard rating.</b>	Normally stable. (0)
<b>ACA HMIS Personal protection rating.</b>	C
<b>ACA HMIS Flammability rating.</b>	Burns only if heated moderately. (2)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.