

# SAFETY DATA SHEET

## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

**Product ID:** 46EP1232  
**Product Name:** 1232 SCREEN OPENER  
**Revision Date:** Mar 12, 2026  
**Version:** 2.0  
**Distributor's Name:** ATLAS SCREEN SUPPLY COMPANY  
**Address:** 9353 SEYMOUR AVENUE, SCHILLER PARK, IL 60176  
**Emergency Phone:** 1-800-535-5053  
**Information Phone Number:** (800) 621-4173  
**Fax:**  
**Product/Recommended Uses:** Solvent cleaner

**Date Printed:** Sept 11, 2026  
**Supersedes Date:** May 14, 2024

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Flammable Aerosols - Category 1  
Acute toxicity Dermal - Category 4  
Acute toxicity Oral - Category 4  
Aspiration Hazard - Category 1  
Carcinogenicity - Category 2  
Eye Irritation - Category 2A  
Skin Irritation - Category 2  
Specific Target Organ Toxicity - Repeated Exposure - Category 2

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Physical

H222 - Extremely flammable aerosol.  
H229 - Pressurized container; may burst if heated.

### Hazardous Statements - Health

H312 - Harmful in contact with skin.  
H302 - Harmful if swallowed.  
H304 - May be fatal if swallowed and enters airways.  
H351 - Suspected of causing cancer.  
H319 - Causes serious eye irritation.

H315 - Causes skin irritation.

H373 - May cause damage to organs through prolonged or repeated exposure.

#### **Precautionary Statements - General**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read carefully and follow all instructions.

#### **Precautionary Statements - Prevention**

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P280 - Wear protective gloves, protective clothing, eye protection and face protection.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe mist, vapors or spray.

#### **Precautionary Statements - Response**

P308 + P313 - IF exposed or concerned: Get medical attention.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P332 + P313 - If skin irritation occurs: Get medical attention.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P330 - Rinse mouth.

P331 - Do NOT induce vomiting.

P314 - Get Medical attention if you feel 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.

#### **Precautionary Statements - Storage**

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P405 - Store locked up.

#### **Precautionary Statements - Disposal**

P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

#### **Hazards Not Otherwise Classified (HNOC)**

No data available.

### SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

| CAS        | Chemical Name                    | % By Weight |
|------------|----------------------------------|-------------|
| 64742-95-6 | AROMATIC HYDROCARBON MIXTURE >C9 | 20% - 40%   |
| 95-63-6    | 1,2,4-TRIMETHYLBENZENE           | 10% - 20%   |
| 108-94-1   | CYCLOHEXANONE                    | 10% - 20%   |
| 74-98-6    | PROPANE                          | 5% - 15%    |
| 106-97-8   | BUTANE                           | 5% - 15%    |
| 1330-20-7  | XYLENE                           | 0% - 1%     |
| 98-82-8    | CUMENE                           | 0% - 0.5%   |

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

### SECTION 4) FIRST-AID MEASURES

#### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). If you feel unwell/If concerned: Get medical advice/attention.

#### Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

#### Skin Contact

Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

#### Ingestion

Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

#### Most Important Symptoms/Effects, Acute and Delayed

No data available.

#### Indication of Immediate Medical Attention and Special Treatment Needed

No data available.

### SECTION 5) FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Foam, alcohol foam, carbon dioxide, dry chemical, water fog.

#### Unsuitable Extinguishing Media

Water may be ineffective but can be used to cool containers exposed to heat or flame.

#### Specific Hazards Arising from the Chemical

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will not support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

#### Precautions for Firefighters

Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

#### Special Protective Equipment

Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

### SECTION 6) ACCIDENTAL RELEASE MEASURES

## Emergency Procedure

Ventilate area. Remove all sources of ignition.

## Protective Equipment

See section 8 for specifics on protective personal equipment (PPE).

## Personal Precautions

Avoid breathing vapors. Ventilate area. Wear safety glasses and gloves.

## Environmental Precautions

Stop spill/release if it can be done safely.

## Methods and Materials for Containment and Cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## SECTION 7) HANDLING AND STORAGE

### General

Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

### Ventilation Requirements

Use in a well-ventilated place.

### Storage Room Requirements

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye protection

Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

### Skin Protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

### Respiratory protection

In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

### Appropriate Engineering Controls

Ventilation should be sufficient to prevent inhalation of any vapors.

| Chemical Name                | OSHA TWA (mg/m3) | OSHA TWA (ppm) | OSHA STEL (mg/m3) | OSHA STEL (ppm) | OSHA Carcinogen | OSHA Skin designation | OSHA Tables (Z1, Z2, Z3) | ACGIH TWA (mg/m3)                               |
|------------------------------|------------------|----------------|-------------------|-----------------|-----------------|-----------------------|--------------------------|-------------------------------------------------|
| 1,2,4-TRIMETHYLBENZENE       |                  |                |                   |                 |                 |                       |                          |                                                 |
| AROMATIC HYDROCARBON MIXTURE | 2000             | 500            |                   |                 |                 |                       | 1                        | [(L)[N159](L)[N800]]; [5 (I)[N159]5 (I)[N800]]; |
| BUTANE                       |                  |                |                   |                 |                 |                       |                          |                                                 |
| CUMENE                       | 245              | 50             |                   |                 |                 | 1                     | 1                        |                                                 |
| CYCLOHEXANONE                | 200              | 50             |                   |                 |                 |                       | 1                        |                                                 |
| PROPANE                      | 1800             | 1000           |                   |                 |                 |                       | 1                        |                                                 |
| XYLENE                       | 435              | 100            |                   |                 |                 |                       | 1                        |                                                 |

| Chemical Name                    | ACGIH TWA (ppm)    | ACGIH STEL (mg/m3) | ACGIH STEL (ppm)                             | ACGIH Carcinogen                        | ACGIH TLV Basis                                    | ACGIH Notations                         | NIOSH TWA (mg/m3) | NIOSH TWA (ppm) |
|----------------------------------|--------------------|--------------------|----------------------------------------------|-----------------------------------------|----------------------------------------------------|-----------------------------------------|-------------------|-----------------|
| 1,2,4-TRIMETHYLBENZENE           | 10                 |                    |                                              | A4                                      | CNS impair; hematologic eff                        |                                         | 125               | 25              |
| AROMATIC HYDROCARBON MIXTURE >C9 | (L)[N159](L)[N800] |                    |                                              | [A2[N159]A2[N800]]; [A4[N159]A4[N800]]; | URT irr [N159]URT irr [N800]                       | [A2[N159]A2[N800]]; [A4[N159]A4[N800]]; |                   |                 |
| BUTANE                           |                    |                    | 1000 (EX)                                    |                                         | CNS impair                                         |                                         | 1900              | 800             |
| CUMENE                           | 5                  |                    |                                              | A3                                      | URT adenoma; neurological eff                      | A3                                      | 245               | 50              |
| CYCLOHEXANONE                    | 20                 |                    | 50                                           | A3                                      | Eye & URT irr                                      | Skin; A3                                | 100               | 25              |
| PROPANE                          |                    |                    | Simple asphyxiant (D), explosion hazard (EX) |                                         | Asphyxia                                           |                                         | 1800              | 1000            |
| XYLENE                           | 20                 |                    |                                              |                                         | Eye irr & URT irr, hemotologic effects; CNS impair |                                         | 435               | 100             |

| Chemical Name                    | NIOSH STEL (mg/m3) | NIOSH STEL (ppm) | NIOSH Carcinogen |
|----------------------------------|--------------------|------------------|------------------|
| 1,2,4-TRIMETHYLBENZENE           |                    |                  |                  |
| AROMATIC HYDROCARBON MIXTURE >C9 |                    |                  |                  |
| BUTANE                           |                    |                  |                  |
| CUMENE                           |                    |                  |                  |
| CYCLOHEXANONE                    |                    |                  |                  |
| PROPANE                          |                    |                  |                  |
| XYLENE                           | 655                | 150              |                  |

A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, CNS - Central nervous system, eff - Effects, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                       |                             |
|-----------------------|-----------------------------|
| Density               | 6.5 lb/gal                  |
| % VOC                 | 100%                        |
| Appearance            | Clear Liquid                |
| Odor Threshold        | N/A                         |
| Odor Description      | Solvent                     |
| pH                    | N/A                         |
| Water Solubility      | Insoluble                   |
| Flammability          | Flash point below 73°F/23°C |
| Flash Point Symbol    | N/A                         |
| Flash Point           | <73 °F                      |
| Viscosity             | N/A                         |
| Lower Explosion Level | N/A                         |
| Upper Explosion Level | N/A                         |
| Vapor Density         | N/A                         |
| Melting Point         | N/A                         |
| Freezing Point        | N/A                         |
| Low Boiling Point     | N/A                         |
| High Boiling Point    | N/A                         |
| Decomposition Pt      | N/A                         |
| Auto Ignition Temp    | N/A                         |
| Evaporation Rate      | N/A                         |

## SECTION 10) STABILITY AND REACTIVITY

### Chemical Stability

The product is stable under normal storage conditions.

### Possibility of Hazardous Reactions/Polymerization

None known.

### Conditions To Avoid

High temperatures.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

## SECTION 11) TOXICOLOGICAL INFORMATION

### Skin Corrosion/Irritation

Causes skin irritation

### Likely Route of Exposure

Inhalation, ingestion, skin absorption.

### Serious Eye Damage/Irritation

Causes serious eye irritation

#### **Carcinogenicity**

Suspected of causing cancer.

#### **Germ Cell Mutagenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive Toxicity**

Based on available data, the classification criteria are not met.

#### **Respiratory/Skin Sensitization**

Based on available data, the classification criteria are not met.

#### **Specific Target Organ Toxicity - Single Exposure**

Based on available data, the classification criteria are not met.

#### **Specific Target Organ Toxicity - Repeated Exposure**

May cause damage to organs through prolonged or repeated exposure.

#### **Aspiration Hazard**

May be fatal if swallowed and enters airways

#### **Acute Toxicity**

Harmful in contact with skin

Harmful if swallowed.

#### **Chronic Exposure**

Based on available data, the classification criteria are not met.

### **SECTION 12) ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

Based on available data, the classification criteria are not met.

#### **Persistence and Degradability**

Readily biodegradable.

#### **Bioaccumulative Potential**

No data available.

#### **Mobility in Soil**

No data available.

#### **Other Adverse Effects**

No data available.

#### **Results of the PBT and vPvB assessment**

The substance is not PBT / vPvB.

### **SECTION 13) DISPOSAL CONSIDERATIONS**

#### **Waste Disposal**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## SECTION 14) TRANSPORT INFORMATION

|                           | IATA Information    | IMDG Information  | U.S. DOT Information |
|---------------------------|---------------------|-------------------|----------------------|
| UN number:                | UN1950              | UN1950            | UN1950               |
| Proper shipping name:     | Aerosols, flammable | Aerosols          | Aerosols             |
| Hazard class:             | 2.1                 | 2.1               | 2.1                  |
| Packaging group:          | NA                  | NA                | NA                   |
| Hazardous substance (RQ): |                     |                   | No Data Available    |
| Marine Pollutant:         |                     | No Data Available | No Data Available    |
| Note / Special Provision: | (LTD QTY)           | (LTD QTY)         | (LTD QTY)            |
| Toxic-Inhalation Hazard:  |                     |                   | No Data Available    |

## SECTION 15) REGULATORY INFORMATION

| CAS        | Chemical Name                    | % By Weight | Regulation List                                                                                                                                                                                                                                                                               |
|------------|----------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 64742-95-6 | AROMATIC HYDROCARBON MIXTURE >C9 | 20% - 40%   | SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA), ACGIH, OSHA                                                                                                                                                                                                                         |
| 95-63-6    | 1,2,4-TRIMETHYLBENZENE           | 10% - 20%   | SARA313, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA), ACGIH                                                                                                                                                                                                                      |
| 108-94-1   | CYCLOHEXANONE                    | 10% - 20%   | SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA), RCRA, ACGIH, OSHA                                                                                                                                                                                                                   |
| 74-98-6    | PROPANE                          | 5% - 15%    | SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA), ACGIH, OSHA                                                                                                                                                                                                                         |
| 106-97-8   | BUTANE                           | 5% - 15%    | SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA), ACGIH                                                                                                                                                                                                                               |
| 1330-20-7  | XYLENE                           | 0% - 1%     | SARA313, HAPS, SARA312, OC_HAPS, VOC, TSCA - Toxic Substances Control Act (TSCA), RCRA, ACGIH, OSHA, OH_TAP - Ohio Toxic Air Pollutant , OH_HAP - Ohio Hazardous Air Pollutant                                                                                                                |
| 98-82-8    | CUMENE                           | 0% - 0%     | SARA313, HAPS, SARA312, OC_HAPS, VOC, TSCA - Toxic Substances Control Act (TSCA), RCRA, ACGIH, CA_Prop65 - California Proposition 65, CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer, OSHA, OH_TAP - Ohio Toxic Air Pollutant , OH_HAP - Ohio Hazardous Air Pollutant |



**WARNING:** This product can expose you to chemicals including Cumene which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16) OTHER INFORMATION

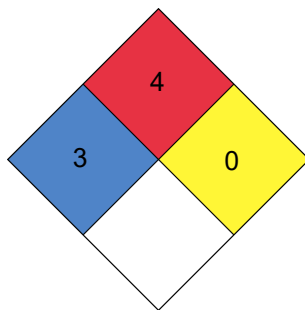
### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

#### HMIS

|                     |     |
|---------------------|-----|
| Health              | / 3 |
| FLAMMABILITY        | 4   |
| Physical Hazard     | 0   |
| Personal Protection | B   |

#### NFPA



(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

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