



## 1 Identification

### GHS Product Identifier

D3 PRO SERIES S07 SCREEN OPENER

### Supplier's details

D3 Industrial Products Inc.  
11968 Monarch Street  
Garden Grove, CA. 92841  
(714) 892-1999

### Emergency phone number

24 Hr Hotline: 800-255-3924  
International: 813-248-0585

## 2 Hazard(s) identification

### Classification of the substance or mixture

Aerosol.

### GHS label elements

## 3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Butane	106-97-8		20 - 30	
Cyclohexanone	108-94-1		15 - 20	
1,2,4-Trimethyl Benzene	95-63-6		15 - 20	
Propane	74-98-6		8 - 10	
Xylene	1330-20-7		3 - 5	

## 4 First-aid measures

### Description of necessary first-aid measures

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention immediately.

**SKIN CONTACT:** Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops or persists.

**INHALATION:** Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately.

**INGESTION:** Rinse mouth. Get medical attention immediately. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Symptoms may be delayed.

Immediate medical attention is required.

## 5 Fire-fighting measures

## Suitable extinguishing media

Water fog. Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>).  
Do not use a solid water stream as it may scatter and spread fire.

## Specific hazards arising from the chemical

Fire may produce irritating, corrosive and/or toxic gases.

## Special protective actions for fire-fighters

In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.

### Environmental precautions

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Prevent entry into waterways, sewers, basements or confined areas.  
Should not be released into the environment.

### Methods and materials for containment and cleaning up

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. Avoid dust formation.

## 7 Handling and storage

### Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Do not use if spray button is missing or defective. Use only with adequate ventilation. Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not breathe gas/fumes/vapor/spray. Avoid prolonged exposure.

### Conditions for safe storage, including any incompatibilities

Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep out of the reach of children. Use care in handling/storage.

## 8 Exposure controls/personal protection

### Control parameters

Exposure limits ACGIH Components	CAS#	TWA	STEL	Ceiling
n-Butane	106-97-8	1000ppm	Not established	Not established
Cyclohexanonr	108-94-1	20 ppm	50 ppm	Not established
1,2,4-Trimethyl Benzene	95-63-6	25 ppm	Not established	Not established
Propane	74-98-6	1000ppm	Not established	Not established
Xylene	1330-20-7	100 ppm	150 ppm	Not established

OSHA

Components	CAS#	TWA	STEL	Ceiling
Cyclohexanone	108-94-1	50 ppm	Not established	Not established
Propane	74-98-6	1000ppm	Not established	Not established
Xylene	1330-20-7	100 ppm	Not established	Not established

## Appropriate engineering controls

Provide adequate ventilation.

## Individual protection measures

EYE/FACE PROTECTION SKIN PROTECTION: Wear chemical goggles.

Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.

RESPIRATORY PROTECTION: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

GENERAL HYGIENE CONSIDERATIONS: When using do not smoke. Avoid contact with eyes. Avoid contact with skin. Handle in accordance

with good industrial hygiene and safety practice.

## 9 Physical and chemical properties

### Physical and chemical properties

**Appearance** Not available

**Color** Colorless.

**Odor** Solvent.

**Physical state** Liquid.

**Form** Aerosol.

**Flammability (HOC)** 43.64 kJ/g estimated

**Flash back** Yes

**Pressure** 30 - 40 psig @ 70F

**Solubility** None

**Flash point** -156 °F (-104.4 °C) estimated

**Boiling point** 168.8 °F (76.1 °C) estimated

**Specific gravity** 0.7456 estimated

**pH** Not applicable

## 10 Stability and reactivity

### Chemical stability

Risk of ignition. Stable at normal conditions.

### Conditions to avoid

Heat, flames and sparks.

### Hazardous decomposition products

May include oxides of nitrogen.

## 11 Toxicological information

### Information on the likely routes of exposure

Contact may irritate or burn eyes. Liver toxicity. Blood disorder may occur after ingestion. Irritating to skin. Irritating to respiratory system. Components of the product may be absorbed into the body through the skin.

### Delayed and immediate effects and also chronic effects from short and long term exposure

Hazardous by OSHA criteria. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged or repeated exposure may cause lung injury. Prolonged exposure may cause chronic effects.

**Sub chronic effects** Kidney injury may occur. Blood disorder may occur after prolonged inhalation. Blood disorder may occur after prolonged skin contact.

## 12 Ecological information

### Toxicity

LC50 16.9 mg/L estimated, Fish, 96.00 Hours,  
EC50 12.29 mg/L estimated, Daphnia, 48.00 Hours, IC50 392 mg/L estimated, Algae, 72.00 Hours,

### Other adverse effects

Harmful to aquatic life.

## 13 Disposal considerations

### Disposal methods

D001: Waste Flammable material with a flash point <140 F

**Disposal instructions:** Consult authorities before disposal. Contents under pressure. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations

## 14 Transport information

### UN Proper Shipping Name

Consumer commodity

### Transport hazard class(es)

ORM-D

### Packing group, if applicable

Packaging exceptions 156

Packaging non bulk 306

Packaging bulk 156

## 15 Regulatory information

### Safety, health and environmental regulations specific for the product in question

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous** Yes **chemical**

**CERCLA (Superfund) reportable quantity**

Cyclohexanone: 5000.0000 Xylene: 100.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes

Reactivity Hazard - No **Section 302 extremely** No

**hazardous substance**

**Section 311 hazardous chemical** Yes

**Inventory status**

**Country(s) or region Inventory name On inventory (yes/no)\***

China Inventory of Existing Chemical Substances in China (IECSC) Yes

Europe European Inventory of New and Existing Chemicals (EINECS) Yes

Europe European List of Notified Chemical Substances (ELINCS) No

Japan Inventory of Existing and New Chemical Substances (ENCS) No

Korea Existing Chemicals List (ECL) Yes

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations**

**U.S. - Pennsylvania - RTK (Right to Know) List**

1,2,4-Trimethyl Benzene 95-63-6 Environmental hazard

Cyclohexanone 108-94-1 Environmental hazard  
n-Butane 106-97-8 Present  
Propane 74-98-6 Present  
Xylene 1330-20-7 Environmental hazard

## 16 Other information

### Other information

**HMIS® ratings** Health: 1\* Flammability: 4 Physical hazard: 0

**Prepared by** Regulatory Compliance

**Disclaimer** The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.