



# Safety Data Sheet

Issue Date: 04-Nov-2025

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** XL07 Black Rust Converter & Primer

### Other means of identification

**SDS #** TXL07 – XL07

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

**Recommended use** Rust converter and primer.

**Uses Advised Against** For industrial and institutional use only.

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

#### **Supplier Address**

Xion Group, LLC.  
1012 E. Osceola Parkway  
Kissimmee, Florida 34744

### Emergency telephone number

**Company Phone Number** 800-946-6850 (reorder)  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Black liquid

**Physical state** Liquid

### Classification

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

### Label elements



### Signal word

Danger

### Hazard statements

Causes severe skin burns and eye damage.

**Precautionary Statements - Prevention**

Do not breathe dusts or mists. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

**Precautionary Statements - Response**

Immediately call a poison control center or doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep them comfortable for breathing. Immediately call a poison control center or doctor. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**Precautionary Statements - Storage**

Store locked up.

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

**Other Information**

Toxic to aquatic life with long lasting effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Phosphoric Acid	7664-38-2	5-10
Talc	14807-96-6	5-10
Carbon Black	1333-86-4	1-5
Magnesite	546-93-0	0.1-1
Glycol Ether EB	111-76-2	0.1-1
Silica, fumed	112945-52-5	0.1-1
Titanium dioxide	13463-67-7	<0.1
Barium Sulfate	7727-43-7	<0.1

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
<b>Skin Contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a poison center or doctor/physician.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

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

**Symptoms** Causes severe skin burns and eye damage.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Protective equipment and precautions for firefighters**

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

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**For Emergency Responders** Follow all fire fighting procedures in Section 5. Use personal protection recommended in Section 8.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. Keep only in original container.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep only in original container.

**Incompatible Materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Phosphoric Acid 7664-38-2	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup> (vacated) STEL: 3 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> ; STEL: 3 mg/m <sup>3</sup> IDLH: 1000 mg/m <sup>3</sup>
Talc 14807-96-6	TWA: 2 mg/m <sup>3</sup> respirable particulate matter containing no Asbestos and <1% Crystalline silica	TWA: 20 mppcf if 1% Quartz or more, use Quartz limit (vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more, use Quartz limit	TWA: 2 mg/m <sup>3</sup> ; containing no Asbestos and <1% Quartz respirable dust IDLH: 1000 mg/m <sup>3</sup>
Carbon Black 1333-86-4	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup> ; TWA: 0.1 mg/m <sup>3</sup> ; Carbon black in presence of Polycyclic aromatic hydrocarbons PAH IDLH: 1750 mg/m <sup>3</sup>
Magnesite 546-93-0	-	-	TWA: 10 mg/m <sup>3</sup> ; total dust TWA: 5 mg/m <sup>3</sup> ; respirable dust
Glycol Ether EB 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> dSk Sdv	TWA: 5 ppm; TWA: 24 mg/m <sup>3</sup> ; IDLH: 700 ppm
Silica, fumed 112945-52-5	-	TWA: 20 Million particles per cubic feet	-
Titanium dioxide 13463-67-7	TWA: 0.2 mg/m <sup>3</sup> nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> finescale respirable particulate matter	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	TWA: 2.4 mg/m <sup>3</sup> ; CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> ; CIB 63 ultrafine, including engineered nanoscale IDLH: 5000 mg/m <sup>3</sup>
Barium Sulfate 7727-43-7	TWA: 5 mg/m <sup>3</sup> inhalable particulate matter particulate matter containing no Asbestos and <1% Crystalline silica	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> ; total dust TWA: 5 mg/m <sup>3</sup> ; respirable dust

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear safety glasses with side shields (or goggles). Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Not determined
<b>Appearance</b>	Black liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Black		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	1-2	
<b>Melting point / freezing point</b>	No data available	
<b>Initial boiling point and boiling range</b>	No data available	
<b>Flash point</b>	No data available	
<b>Evaporation rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor Pressure</b>	Not determined	
<b>Relative vapor density</b>	No data available	
<b>Relative Density</b>	1.285	
<b>Water Solubility</b>	Not determined	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not applicable	
<b>Dynamic viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                      Avoid contact with eyes.

<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Zinc Phosphate 7779-90-0	> 5000 mg/kg ( Rat )	-	-
Phosphoric Acid 7664-38-2	= 1530 mg/kg ( Rat )	= 2740 mg/kg ( Rabbit )	= 3846 mg/m <sup>3</sup> ( Rat ) 1 h
Carbon Black 1333-86-4	> 10000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 4.6 mg/m <sup>3</sup> ( Rat ) 4 h
Glycol Ether EB 111-76-2	= 470 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h = 486 ppm ( Rat ) 4 h
Silica, fumed 112945-52-5	= 3160 mg/kg ( Rat )	-	-
Alcohols, C9-11 ethoxylated 68439-46-3	= 1400 mg/kg ( Rat )	-	-
Titanium dioxide 13463-67-7	> 2000 mg/kg ( Rat )	-	> 5.09 mg/L ( Rat ) 4 h
Barium Sulfate 7727-43-7	= 307000 mg/kg ( Rat )	-	-
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Pyridine-2-thiol 1-oxide, sodium salt 3811-73-2	-	= 1800 mg/kg ( Rabbit )	-

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Causes severe skin burns.

**Serious eye damage/eye irritation** Causes severe eye damage.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical name	ACGIH	IARC	NTP	OSHA
Talc 14807-96-6	A4 - Not Classifiable as a Human Carcinogen	Group 2A - Probably carcinogenic to humans		Present
Carbon Black 1333-86-4	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 2B - Possibly carcinogenic to humans		Present
Glycol Ether EB 111-76-2	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 3 - Unclassifiable as to carcinogenicity in humans		
Silica, fumed 112945-52-5		Group 3 - Unclassifiable as to carcinogenicity in humans		
Titanium dioxide 13463-67-7	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 2B - Possibly carcinogenic to humans		Present

**Numerical measures of toxicity**

The following ATE values have been calculated for the mixture

ATE<sub>mix</sub> (oral) 15,090.10 mg/kg  
ATE<sub>mix</sub> (dermal) 18,118.50 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life with long-lasting effects.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined.

Chemical name	Partition coefficient
Phosphoric Acid 7664-38-2	-0.9
Glycol Ether EB 111-76-2	0.81

**Other adverse effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical name	California Hazardous Waste Status
Phosphoric Acid 7664-38-2	Corrosive

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Zinc Phosphate	X	ACTIVE	X	X	X	X	X	X	X
Phosphoric Acid	X	ACTIVE	X	X	X	X	X	X	X
Talc	X	ACTIVE	X	X	X	X	X	X	X
Carbon Black	X	ACTIVE	X	X	X	X	X	X	X
Magnesite	X	ACTIVE	X	X	X	X	X	X	X
Glycol Ether EB	X	ACTIVE	X	X	X	X	X	X	X
Silica, fumed	X		X		X	X	X	X	X

Alcohols, C9-11 ethoxylated	X	ACTIVE	X		X	X	X	X	X
Dolomite	X	ACTIVE	X	X		X	X	X	X
Chlorite				X		X	X	X	
Titanium dioxide	X	ACTIVE	X	X	X	X	X	X	X
Barium Sulfate	X	ACTIVE	X	X	X	X	X	X	X
1,2-Benzisothiazolin-3-one	X	ACTIVE	X	X	X	X	X	X	X
Pyridine-2-thiol 1-oxide, sodium salt	X	ACTIVE	X	X	X	X	X	X	X

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing Chemicals Inventory
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

**US Federal Regulations**

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Phosphoric Acid 7664-38-2	5000 lb / 270 kg (final RQ)		RQ 5000 lb final RQ RQ 2270 kg final RQ

**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

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Zinc Phosphate - 7779-90-0	7779-90-0	5-10	1.0
Glycol Ether EB - 111-76-2	111-76-2	0.1-1	1.0
Barium Sulfate - 7727-43-7	7727-43-7	<0.1	1.0

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric Acid	5000 lb			X

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Carbon Black - 1333-86-4	Carcinogen
Titanium dioxide - 13463-67-7	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Zinc Phosphate 7779-90-0	X		X
Phosphoric Acid	X	X	X

7664-38-2			
Talc 14807-96-6	X	X	X
Carbon Black 1333-86-4	X	X	X
Glycol Ether EB 111-76-2	X	X	X
Titanium dioxide 13463-67-7	X	X	X
Barium Sulfate 7727-43-7	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health hazards</b> 1	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal protection</b> E

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**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.

**End of Safety Data Sheet**