



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material Name:** IXL Anti-Friction Metal Conditioner™  
**Version #** 02  
**Revision Date** April 25, 2010  
**Product Use** Lubricant  
Metal conditioner  
**Chemical Description** Hydrocarbon-based metal conditioner with corrosion inhibitors  
**CAS #** Mixture  
**Company Information** IXL Premium Lubricants, Inc  
1930 West 3350 South  
Roy, Utah 84067  
1-800-872-4951  
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## 2. Hazards Identification

**Emergency Overview** Health injuries are not known or expected under normal use. May cause eye or skin irritation with susceptible persons. Inhalation of vapor or mist may cause irritation. Prolonged or repeated exposure increases risk. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Potential Health Effects**

**Routes of Exposure** Eye Contact  
Inhalation  
Ingestion

**Eyes** Contact with eyes may cause irritation  
**Skin** Prolonged and/or repeated skin contact may result in mild irritation or redness.

**Inhalation** Avoid breathing vapors or mists of this product. May cause irritation of respiratory tract.

**Ingestion** Small amounts (smaller than a tablespoon) swallowed during normal handling operations are not likely to cause injury; swallowing larger amounts may cause injury.

**Signs and Symptoms** Repeated or prolonged exposure may cause irritation of eyes and skin. Inhalation of vapors in high concentration may cause irritation of respiratory system.

**Potential Environmental Effects** May cause long-term adverse effects in the aquatic environment.

## 3. Composition/Information on Ingredients

No ingredients listed as hazardous according to OSHA 29 CFR 1910.1200

#### 4. First Aid Measures

##### First Aid Procedures

###### Eye Contact

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

###### Skin Contact

Wash with soap and water. Get medical attention if irritation develops or persists.

###### Inhalation

Move to fresh air. Get medical attention if needed.

###### Ingestion

Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If ingestion of a large amount does occur, seek medical attention.

###### Notes to Physician

Treat symptomatically.

#### 5. Fire Fighting Measures

##### Flammable Properties

Containers may explode when heated.

##### Extinguishing Media

###### Suitable Media

Dry chemical, foam, water fog.

###### Unsuitable Media

High volume water jet.

##### Protection for Firefighters

###### Specific Hazard Arising from the Chemical

Irritating and toxic fumes or gases may be released in a fire.

###### Protective Equipment and precautions for Firefighters

Firefighters should wear full protective gear. Use water spray to cool unopened containers. Move containers from fire area if safe to do so.

#### 6. Accidental Release Measures

##### Personal Precautions

Use personal protective equipment. Ensure adequate ventilation. Do not touch or walk through spilled material. Keep unnecessary personnel away.

##### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Runoff from fire control or dilution water may cause pollution.

##### Methods for Containment

Eliminate all sources of ignition or flammables that may come in contact with a spill of this material. Stop leak if you can do so without risk. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible without risk.

##### Methods for Clean Up

Wear appropriate protective equipment and clothing during clean up. Dike far ahead of liquid spill for later disposal. Prevent product from entering drains. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. Handling and Storage

**Handling** Do not handle or store near an open flame, heat or other sources of ignition. Avoid prolonged or repeated skin contact with this material. Wash hands after handling and before eating.

**Storage** Use care in handling/storing. Keep away from heat, sparks, flame. Store in a cool, dry place.

## 8. Exposure Controls/Personal Protection

**Engineering Controls** Ventilation should effectively remove and prevent buildup of any vapor/mist/fume/dust generated during normal handling of this product.

**Personal Protective Equipment**

**Eye/Face Protection** Wear safety glasses with side shields (or goggles) and a face shield.

**Hand Protection** Protective gloves

**Skin Protection** Work clothing (long sleeved shirts and long pants) recommended

**Respiratory Protection** No personal respiratory protective equipment is normally required. If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist.

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

## 9 . Physical and Chemical Properties

**Color & Appearance** Color may vary from light to dark amber; oil like appearance

**Odor** Not significant

**Physical State** Liquid

**Form** Liquid

**Flash Point** >450°F (200°C). Method: C.O.C

**Specific Gravity** 1.05-1.3 @ 25°C

## 10. Chemical Stability & Reactivity Information

**Chemical Stability** Stable at normal conditions

**Conditions to Avoid** High temperatures

**Incompatible Materials** This product may react with strong oxidizing agents. This product may react with strong reducing agents.

**Hazardous Decomposition** Carbon oxides, Hydrogen chloride gas. Thermal decomposition can lead to release of irritating gasses and vapors.

## 11. Toxicological Information

**Routes of Exposure** Eye Contact  
Inhalation  
Ingestion

**Oral Toxicity** Acute: Rat NOAEL: 10 mg/kg

**Carcinogenicity** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA

**Mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

<b>Teratogenicity</b>	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
<b>Epidemiology</b>	No epidemiological data is available on this product.
<b>Neurotoxicity</b>	No data available for this product.
<b>Local Effects</b>	Skin Irritation: non-irritant. Eye Irritation: non-irritant. Sensation: Non-sensation.
<b>Synergistic Materials</b>	No data available for this product.
<b>Further Information</b>	This product has no known adverse effects on human health.

## **12. Ecological Information**

<b>Ecotoxicity</b>	No information on ecology is available.
<b>Environmental Effects</b>	Ecological injuries are not known or expected under normal use. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Aquatic Toxicity</b>	May cause long-term adverse effects in the aquatic environment.

## **13. Disposal Considerations**

<b>Waste Codes</b>	Waste codes should be assigned by the user based on the application for which the product was used.
<b>Disposal Instructions</b>	This product, in its present state, when discarded and disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b) (4)). 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.
<b>Waste from Residue/ Unused Product</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Do not re-use empty containers.

## **14. Transportation Information**

<b>DOT</b>	Not regulated as hazardous goods.
<b>TDG</b>	Not regulated as hazardous goods.

## **15. Regulatory Information**

<b>US Federal Regulations</b>	All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
<b>CERCLA (Superfund) Reportable Quantity</b>	None
<b>Superfund Amendments and Reauthorization Act (SARA) of 1986</b>	
<b>Hazard Categories</b>	Immediate Hazard – No Delayed Hazard - No Fire Hazard – No Pressure Hazard – No

<b>Section 302 Extremely Hazardous Substance</b>	Reactivity Hazard – NO No
<b>Section 311 Hazardous Chemical</b>	No
<b>International Regulations</b>	This product does not need to be labeled in accordance with EC directives or respective national laws.
<b>State Regulations</b>	This product does not contain a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.
<b>WHMIS Status</b>	Non-controlled.
<b>16. <u>Other Information</u></b>	
<b>Recommended Use</b>	As a lubricant metal conditioner.
<b>HMIS Rating</b>	Health: 1 Flammability: 1 Physical Hazard: 0 Personal Protection: B
<b>NFPA Rating</b>	Health: 1 Flammability: 1 Instability: 0
<b>Disclaimer:</b>	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 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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release.