

Safety Data Sheet for iD ECO-PRO 360

This SDS complies with 29 CFR §1910.1200.

1 IDENTIFICATION

Product Identifier

Product Name: iD ECO-PRO 360

Recommended Use and Restrictions of Use

Recommended Use: Metal surface cleaner and protectant
Restrictions of Use: For industrial and professional use only. Not for consumer use.

Name, Address, and Telephone Number of the Responsible Party

Company: iD Additives, Inc.
Address: 512 West Burlington Avenue, Suite 208
La Grange, IL 60525 USA
Telephone: (708) 588-0081
FAX: (866) 223-8507
E-Mail: info@idadditives.com

Emergency Telephone Number

Telephone: (708) 588-0081, 8 AM – 5 PM Central Time, Monday – Friday (excluding holidays)

2 HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture

This product is classified as hazardous under the OSHA Hazard Communication Standard (29 CFR §1910.1200).

Hazards: Skin corrosion/irritation, category 1
Eye damage/irritation, category 1

Signal Word, Hazard Statements, Symbols, & Precautionary Statements

Signal Word: Danger
Hazard Statement(s): Causes severe skin burns and eye damage
Causes serious eye damage

Hazard Pictogram(s):



Precautionary Statements(s):

- Do not breathe mists or spray. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection, and face protection.
- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a poison center or doctor.

- IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a poison center or doctor. Wash contaminated clothing before re-use.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison 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 center or doctor.
- Store locked up.
- Dispose of contents and container in accordance with local, regional, national, and international regulations.

Hazards Not Otherwise Classified (HNOC)

This product contains up to 8% of ingredients of unknown acute toxicity.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

This product contains the following component(s) classified as hazardous to health according to the OSHA Hazard Communication Standard (29 CFR §1910.1200).

Chemical Name	CAS No.	Wt. %
Phosphoric acid	7664-38-2	< 7

4 FIRST AID MEASURES

Description of Necessary Measures

Eyes In case of contact with eyes, rinse immediately with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention immediately.

Inhalation Remove to fresh air and keep comfortable for breathing. Get medical attention immediately.

Skin Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. Wash contaminated clothing before re-use.

Ingestion Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have person lean forward to reduce the risk of aspiration. Get medical attention immediately.

Most Important Symptoms / Effects, Acute and Delayed

Refer to Section 2: Hazard(s) Identification and Section 11: Toxicological Information.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician: None known

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5 FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media

Suitable Use extinguishing media appropriate for the surrounding fire.

Unsuitable none known

Specific Hazards Arising from the Chemical

This product is non-flammable/non-combustible. Thermal decomposition under fire conditions may produce toxic or corrosive fumes. Spilled product may present a slip hazard on floors.

Special Protective Equipment and Precautions for Firefighters

Standard protective equipment for fighting chemical fires should be used, including self contained breathing apparatus (SCBA) and full fire fighting turn-out gear (full Bunker gear).

Move undamaged containers from the immediate hazard area if it can be done safely.

Water used for extinguishing a fire must be prevented from draining into sewers or being released to the environment.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Spilled product may present a slip hazard on floors. Avoid personal contact. Wear personal protective equipment (See Section 8: Exposure Controls / Personal Protection). Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Ventilate the spill area.

Environmental Precautions

Do not allow product to enter into surface water or drains.

Methods and Materials for Containment and Cleaning Up

Contain spill using a dike constructed from adsorbent or impervious materials such as sand, earth, or clay. Neutralize spill area with soda ash, sodium bicarbonate or lime. Flush neutralized spill with copious amounts of water. Exercise caution during neutralization as considerable heat may be generated.

7 HANDLING AND STORAGE

Precautions for Safe Handling

Do not breathe mists or spray, and avoid contact with eyes and skin. Use only with adequate ventilation. Do not eat, drink, or use tobacco products while working. Wash thoroughly after handling and before eating, drinking, or using tobacco products. Wear protective gloves, protective clothing, eye protection, and face protection (see Section 8: Exposure Controls / Personal Protection). Spilled product may present a slip hazard on floors.

Conditions for Safe Storage, Including Any Incompatibilities

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Control Limits

Phosphoric acid CAS No. 7664-38-2	ACGIH	TLV®: 1 mg/m³ TWA; 3 mg/m³ STEL
	OSHA	PEL: 1 mg/m³ TWA; Table Z-1, 29 CFR 1910.1000

Appropriate Engineering Controls

Work in well ventilated areas. The use of local exhaust ventilation is recommended to control air contaminants. Provide mechanical ventilation for confined spaces. Use mechanical handling to reduce human contact with materials. Eye wash station and safety shower should be available in the immediate work area.

Individual Protective Measures, Such as Personal Protective Equipment

Eye/Face Protection	Wear chemical safety goggles or equivalent protection.
Skin Protection	Wear protective gloves impervious to the conditions of use and protective clothing.
Respiratory Protection	Wear NIOSH-approved respiratory protection if exposure to mist or spray is possible, if exposures may exceed established control limits, and in non-routine or emergency situations.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	green liquid
Odor	citrus or floral odor
Odor Threshold	no information available
Physical State	liquid
pH value	< 2
Melting Range	< 0°C
Boiling Point	> 100°C
Flash Point	not applicable (N/A)
Evaporation Rate	no information available
Flammability	no information available
Upper Flammability Limit	no information available
Lower Flammability Limit	no information available
Vapor Pressure	no information available
Vapor Density	no information available
Specific Gravity	no information available
Solubility in water	no information available
Partition Coefficient (octanol/water)	no information available
Autoignition Temperature	no information available

Decomposition Temperature no information available
Viscosity no information available

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10 STABILITY AND REACTIVITY

Reactivity

Stable under normal ambient and anticipated storage and handling conditions.

Chemical Stability

Stable under normal ambient and anticipated storage and handling conditions.

Possibility of Hazardous Reactions

Neutralization reaction with bases can generate considerable heat.

Conditions to Avoid

Excessive heat, incompatible materials

Incompatible Materials

Bases, amines, alkanolamines, aldehydes, strong oxidizing agents and chlorinated compounds.

Hazardous Decomposition Products

Thermal decomposition may produce toxic and/or corrosive fumes.

11 TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure

As a liquid material, the primary routes of exposure are skin contact, ingestion, inhalation of spray or mist, and eye contact.

Signs and Symptoms of Overexposure, Acute and Delayed

Eyes	Causes serious eye damage.
Inhalation	Inhalation of mist or spray may cause respiratory irritation and may be harmful if inhaled.
Skin	Causes severe skin burns. May be harmful if absorbed through the skin.
Ingestion	May be harmful if swallowed. Causes irritation/burns of mucous membranes.
Target Organ Effects	no information available
Chronic Effects	no information available

Acute Toxicity

Oral	ATE _{mixture} > 2,000 mg/kg (known components only)
Inhalation	no information available
Dermal	ATE _{mixture} > 2,000 mg/kg (known components only)

This product contains up to 8% of ingredients of unknown acute toxicity.

Skin Corrosion / Irritation

Classified as corrosive to skin (Category 1) based on pH value < 2.

Eye Damage / Irritation

Classified as an eye irritant (Category 1) based on pH value < 2.

Sensitization

Respiratory Sensitization	no information available
Skin Sensitization	no information available

Germ Cell Mutagenicity

no information available

Carcinogenicity

Not classifiable due to lack of component data. This product contains no known components that have been classified by IARC, NTP, OSHA, or ACGIH as to their carcinogenicity.

Reproductive Toxicity

no information available

Target Organ Toxicity

Single Exposure	no information available
Repeat/Prolonged Exposure	no information available

Aspiration Hazard

no information available

12 ECOLOGICAL INFORMATION

Ecotoxicity

no information available

Persistence and Degradability

no information available

Bioaccumulative Potential

no information available

Mobility in Soil

no information available

Other Adverse Effects

no information available

13 DISPOSAL CONSIDERATIONS

EPA RCRA Hazardous Waste Code: C (corrosive)

Recover or recycle if possible.

Disposal of product and contaminated packaging should be in accordance with applicable local, regional, national, and international laws and regulations. Local regulations may be more stringent than regional or national requirements.

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14 TRANSPORT INFORMATION

UN Number

NA1760

UN Proper Shipping Name

COMPOUNDS, CLEANING LIQUID (PHOSPHORIC ACID SOLUTION)

Transport Hazard Class(es)

8

Packing Group

III

Environmental Hazard(s)

not applicable (N/A)

Transport in Bulk

no information available

Other Information

Pursuant to 49 CFR 173.154(d), this product is exempt from DOT requirements set out under 49 CFR Subtitle B, Chapter I, Subchapter C when transported by motor vehicle or rail car.

15 REGULATORY INFORMATION

Inventory Status

United States (TSCA) All components listed or exempt from listing

TSCA Inventory Notification (Active-Inactive) Rule

All components of this product are listed on the TSCA Inventory (2/2019) as Active Substances and are not subject to notification under the Rule.

USA Federal SARA Title III Rules

A CERCLA RQ of 5,000 lb has been established for the phosphoric acid component of this product.

Section 302 No components of this material are subject to the reporting requirements of SARA Title III, Section 302.

Section 313 This material does not contain any known component(s) listed on the Section 313 Toxic Chemical List.

Section 311/312 Hazards: Skin corrosion or irritation, serious eye damage or eye irritation

California Proposition 65

This product contains no component(s) known to be listed under Proposition 65 – Chemicals Known to the State to Cause Cancer or Reproductive Toxicity.

16 OTHER INFORMATION

Revision Date

July 10, 2019

Reasons for Revision

Reclassification of hazards (Section 2)

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End of SDS