

SAFETY DATA SHEET



Date Prepared : 11/05/2014
 SDS No : Advance 6380
 Date Revised : 05/26/2015
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT FORMULATION NAME: Advance 6380
CHEMICAL FAMILY: Metalworking Fluid

MANUFACTURER

Metalloid Corporation
 1160 White St
 Sturgis, MI 49091

Emergency Contact: Robert Kowalski

Emergency Phone: 800-686-3201

E-Mail: b.kowalski@metalloidcorp.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553

CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2

Eye Irritation, Category 2

GHS LABEL



Exclamation
 mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H317: May cause an allergic skin reaction.

H320: Causes eye irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash thoroughly after handling.

Response:

P302+P352: IF ON SKIN: Wash with plenty of water/...

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents/container in accordance with Local/State/Federal regulations

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Not expected to cause severe emergency hazard

POTENTIAL HEALTH EFFECTS

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EYES: Contact may cause eye irritation.

SKIN: Repeated or prolonged contact may cause skin irritation or dermatitis

INGESTION: May cause nausea, vomiting and abdominal pain

INHALATION: Not a normal hazard but may cause irritation.

MEDICAL CONDITIONS AGGRAVATED: May aggravate skin irritation/dermatitis

ROUTES OF ENTRY: Eyes, Skin

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
polyphosphoric acids, esters with castor oil	25 - 35	68308-61-2
Ethanol, 2, 2', 2''-nitrilotris	> 35	102-71-6
Ethanol, 2, 2'-iminobis-	< 1	111-42-2

COMMENTS: Components are non hazardous as defined by OSHA Hazard Communication Rule 29 CFR 1910.1200 and not listed due to trade secrets

4. FIRST AID MEASURES

EYES: Flush immediately with cool, clean water for at least 15 minutes. If irritation persists, contact a physician

SKIN: Wash with mild soap and water. Remove contaminated clothing.

INGESTION: If large quantities are ingested, contact a physician

INHALATION: Remove to fresh air.

NOTES TO PHYSICIAN: Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

HAZARDOUS COMBUSTION PRODUCTS: Can include carbon oxides

FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to flames. Fire fighting personnel should wear respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with an inert material and place in an appropriate waste disposal container.

LARGE SPILL: Stop spill at the source. Pump liquid to salvage container. Recover product if possible. Remaining liquid can be taken up with absorbent material and placed into appropriate containers.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes. Avoid prolonged or repeated skin contact with the concentrate. Wash thoroughly after handling. Do not swallow. Do not transfer to an unlabeled container.

STORAGE: Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Ethanol, 2, 2'-iminobis-	TWA		1	NL	NL
	STEL			NL	NL

ENGINEERING CONTROLS: General room ventilation should be sufficient.

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PERSONAL PROTECTIVE EQUIPMENT**EYES AND FACE:** Safety glasses or splash goggles when eye contact may occur.**SKIN:** Oil resistant gloves recommended.**RESPIRATORY:** Not normally needed. If significant mists, vapors or aerosols are generated an approved respirator is recommended.**WORK HYGIENIC PRACTICES:** Use good hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.**OTHER USE PRECAUTIONS:** If there is a likelihood of splashing, an oil resistant apron should be worn to prevent clothing contamination. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Keep an eyewash fountain available. Keep a safety shower available.**9. PHYSICAL AND CHEMICAL PROPERTIES****ODOR:** Mild odor**APPEARANCE:** Liquid**COLOR:** Dark Amber**FLASH POINT AND METHOD:** NA = Not Applicable**BOILING POINT:** > (200°F)**SOLUBILITY IN WATER:** Complete**SPECIFIC GRAVITY:** 1.05 H₂O=1 at (70°F)**10. STABILITY AND REACTIVITY****HAZARDOUS POLYMERIZATION:** Will not occur**STABILITY:** Stable under normal conditions**CONDITIONS TO AVOID:** None known.**POSSIBILITY OF HAZARDOUS REACTIONS:** Hazardous reactions will not occur under normal transport or storage conditions.**HAZARDOUS DECOMPOSITION PRODUCTS:** Products of combustion can include carbon oxides.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents. Strong acids.**11. TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

Chemical Name	IARC Status
Ethanol, 2, 2'-iminobis-	2B

COMMENTS: No specific toxicological data is available.**12. ECOLOGICAL INFORMATION****COMMENTS:** No specific ecological data is available for this product.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of according to Local, State and Federal regulations. Not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Do not flush to drain/storm sewer.**EMPTY CONTAINER:** None**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** None**PRIMARY HAZARD CLASS/DIVISION:** Not Hazardous**OTHER SHIPPING INFORMATION:** This product is not considered hazardous according to DOT**15. REGULATORY INFORMATION**

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UNITED STATES**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

TITLE III NOTES: This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Ethanol, 2, 2'-iminobis-	< 1	100

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS	TSCA SECTION
polyphosphoric acids, esters with castor oil	68308-61-2	
Ethanol, 2, 2', 2''-nitrilotris	102-71-6	
Ethanol, 2, 2'-iminobis-	111-42-2	8a, 8d,

TSCA REGULATORY: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

16. OTHER INFORMATION

APPROVED BY: Robert Kowalski **TITLE:** Vice President of Research and Development

PREPARED BY: Alissa Simon **Date Revised:** 05/26/2015

INFORMATION CONTACT: 1-800-686-3201

REVISION SUMMARY: This SDS replaces the 11/10/2014 SDS. Revised: **Section 10:** STABLE. **Section 15:** TSCA REGULATORY. **Section 16:** HMIS RATING - PERSONAL PROTECTION.

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

GENERAL STATEMENTS: This information is for use of the purchaser only. This document should not be given to any outside organization without expressed consent from Metalloid Corporation.

MANUFACTURER DISCLAIMER: This product's safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.