



SAFETY DATA SHEET
Heavy Duty All-Purpose Cleaner Concentrate – Product # EXD-1200

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name: Heavy Duty All-Purpose Cleaner Concentrate

Product Number: **EXD-1200**

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: No Information Available

Uses advised against: No Information Available

1.3 Details of the supplier of the safety data sheet

Company: Aviation Cleaning Supply, Inc.
1 Warren St.
Johnstown, New York 12095
www.aviationcleaningsupply.com

Manufacturer: Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624 USA

Other means of identification

Product Code: 120100

1.4 Emergency telephone number

Emergency Phone: INFOTRAC: 1-800-535-5053
OUTSIDE U.S.: +1-352-323-3500

Section 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

This chemical is considered hazardous.

Skin corrosion/irritation (Category 1)

Eye irritation (Category 1)

Corrosive to certain metals (Category 1)

2.2 GHS Label elements, including precautionary statements

Pictogram:



Signal Word: DANGER

Hazards Statement(s)

Causes severe skin burns and eye damage.

May be corrosive to certain metals.

Precautionary Statement(s) - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash face, hands and any exposed skin thoroughly after handling.

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

Keep only in original container.



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Section 2: HAZARD IDENTIFICATION (continued)

Precautionary Statement(s) - Response

Immediately call a POISON CENTER or doctor/physician.
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.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
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.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
Absorb spillage to prevent material damage.

Precautionary Statement(s) - Storage

Store locked up.
Store in corrosive resistant container.

Precautionary Statement(s) - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

No information available

Other Information

None.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous components:

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
2-BUTOXYETHANOL	111-76-2	1 – 10	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice:

Immediately call a POISON CENTER or doctor/physician.

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.



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Section 4: FIRST AID MEASURES (continued)

IF ON SKIN (or hair):

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

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.

IF SWALLOWED:

Rinse mouth. NO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1 Suitable extinguishing media

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

Unsuitable extinguishing media

Use of water spray when fighting fire may be inefficient.

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Cool exposed containers with water spray.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

See Section 12 for additional ecological information.

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Pick up with absorbent material. Put in suitable container for disposal.



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Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Alkaline Liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Avoid prolonged contact. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep/store only in original container.

Incompatible materials

Avoid contact with: Acids. Strong alkalis. Strong oxidants, such as nitric acid, or hypochlorite.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure guidelines:

PRODUCT COMPOSITION CAS#	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-BUTOXYETHANOL 111-76-2	TWA: 20ppm	S* (vacated) S* (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m3 TWA: 50 ppm TWA: 240 mg/m3	700ppm

8.2 Exposure controls

Appropriate engineering controls

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Showers. Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses or goggles recommended to protect against exposure.

Skin & body protection

Chemical resistant gloves are recommended to minimize skin contact. Wear appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

Respiratory protection

None normally required. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.



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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid	Odor:	Floral Scent
Appearance:	Clear Yellow Green	Odor Threshold:	No information available
Color:	No information available		

<u>Property</u>	<u>Values</u>	
pH:	12.5	
Melting point/freezing point:	No Information Available	
Boiling point/ boiling range:	100 °C / 212 °F	
Flash point:	- °C / 212 °F	None to Boiling
Evaporation rate:	No Information Available	
Flammability (solid, gas):	No Information Available	
Flammability limit in air		
Upper flammability limit:	No Information Available	
Lower flammability limit:	No Information Available	
Vapor pressure:	No Information Available	
Vapor density:	No Information Available	
Specific gravity:	1.02	
Water solubility:	No Information Available	
Solubility in other solvents:	No Information Available	
Partition coefficient:	No Information Available	
Auto ignition temperature:	No Information Available	
Decomposition temperature:	No Information Available	
Kinematic viscosity:	No Information Available	
Dynamic viscosity:	No Information Available	
Explosive properties:	No Information Available	
Oxidizing properties:	No Information Available	

9.2 Other Information

Softening point:	No Information available
VOC (EPA METH.24) (G/L):	No Information available
Density:	No Information available
Bulk density:	No Information available

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reaction

None under normal processing.

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.



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Section 10: STABILITY AND REACTIVITY (continued)

10.5 Incompatible materials

None known based on information supplied.

10.6 Hazardous decomposition products

Oxides of Carbon. Oxides of Nitrogen.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Product information	Causes severe skin burn and eye damage.
Inhalation	Causes burns.
Eye contact	Corrosive to the eyes and may cause severe damage including blindness.
Skin contact	Causes burns.
Ingestion	Causes burns.

PRODUCT COMPOSITION CAS#	Oral LD50	Dermal LD50	Inhalation LC50
2- BUTOXYETHANOL 111-76-2	= 470 mg/kg (RAT)	= 220 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h

Symptoms No Information Available.

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

Sensitization No Information Available.

Germ cell mutagenicity No Information Available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

PRODUCT COMPOSITION CAS #	ACGIH	IARC	NTP	OSHA
2- BUTOXYETHANOL 111-76-2	A3	Group 3	-	-

Reproductive Toxicity No Information Available.

STOT – Single exposure No Information Available.

STOT – Repeated exposure No Information Available.

Aspiration hazard No Information Available.



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Section 11: TOXICOLOGICAL INFORMATION (continued)

Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 15667 mg/kg
ATEmix (dermal): 36667 mg/kg
ATEmix (inhalation-dust/mist): 50 mg/l

Section 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

4.28% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

PRODUCT COMPOSITION CAS#	Algae/aquatic plants	Fish	Crustacea
2- BUTOXYETHANOL 111-76-2	-	2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static	1000: 48 h Daphnia magna mg/L EC50

12.2 Persistence and degradability

No Information Available.

12.3 Bioaccumulative potential

PRODUCT COMPOSITION CAS#	Partition coefficient
2- BUTOXYETHANOL 111-76-2	0.81

12.4 Other adverse effects

No Information Available.

Section 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment method

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

Contaminated packaging Do not reuse container.



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Section 14: TRANSPORTATION INFORMATION

UN/ID No. 3266
Proper shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM SILICATE)
Hazard Class: 8
Packing Group: III
Description: 5 Liters (1.3 Gallons) and less may be classed as LTD. QTY.

Section 15: REGULATORY INFORMATION

15.1 International Inventories

TSCA: Complies
DSL/NDSL: Complies
EINECS/ELINCS: Does not comply
ENCS: Does not comply
IECSC: Complies
KECL: Does not comply
PICCS: Complies
AICS: Complies

15.2 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 and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.3 US Federal Regulations

SARA 313 Components

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.

PRODUCT COMPOSITION CAS #	SARA 313 - Threshold Values %
2-BUTOXYETHANOL - 111-76-2	1.0

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD YES
CHRONIC HEALTH HAZARD NO
FIRE HAZARD NO
Sudden release of pressure hazard NO
REACTIVE HAZARD YES



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Section 15: REGULATORY INFORMATION (continued)

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

15.3 U.S. State Regulations

California Proposition 65 Components:

This product does not contain any Proposition 65 chemicals.

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

PRODUCT COMPOSITION CAS#	NJRTK	MARTK:	PARTK:
2- BUTOXYETHANOL 111-76-2	0275	Listed	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number: Not applicable.



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Section 16: OTHER INFORMATION

NFPA

Health Hazards	2
Flammability	0
Instability	0

HMIS

Health Hazards	2
Flammability	0
Physical Hazards	0
Personal Protection	B

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 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.

Preparation Information:

Aviation Cleaning Supply
1 Warren St.
Johnstown, New York 12095

Revision Date: 06/01/2015

-END OF SDS-