

ISSUE DATE: September 2013

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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME AOK Metal Polish

OTHER MEANS OF IDENTIFICATION

SDS Number

UN/ID Number

Product Code A6

Recommended Uses Polish

Restrictions on Use Use only as directed

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS E-ZOIL Products, Inc.
DBA Emulso
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889

COMPANY FAX NUMBER (716) 854-2809

24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)

NORTH AMERICA 1-800-633-8253

INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Flammable liquid Category 4

SIGNAL WORD Danger

HAZARD STATEMENTS



HAZARD STATEMENTS Combustible Liquid

PRECAUTIONARY STATEMENTS

PREVENTION	Keep away from heat, sparks, and open flames. Wear protective gloves, clothing and eye and face protection. In case of fire: Use carbon dioxide, dry chemical, or foam for extinction.
IF EXPOSED/CONCERNED	Get medical advice/ attention.
STORAGE	Store in a well-ventilated area.
DISPOSAL	Dispose of contents/ container in accordance with all local, regional, national, and international regulations.
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)	N/A
OTHER INFORMATION	N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Crystalline Silica	14808-60-7	<30
Oxalic Acid	6153-56-6	<4
Ammonia, anhydrous	7664-41-7	<4
Isopropanol	67-63-0	<5

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of 1910.1200

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE	Immediately call a POISON CONTROL CENTER or doctor/physician.
EYE CONTACT	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue flushing for at least 15 minutes. Call a physician if irritation persists.
SKIN CONTACT	Wash-off immediately with soap and plenty of water. If symptoms persist, call POISON CONTROL CENTER or doctor/physician.
INHALATION	Remove exposed individual(s) to fresh air for 20 minutes. Consult a POISON CONTROL CENTER or doctor/physician if individual's condition declines or symptoms persist.
INGESTION	Rinse mouth. Do NOT induce vomiting. Drink 1-2 glasses of water. Seek medical attention.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

EYE CONTACT	Direct contact with the eyes may cause temporary irritation.
SKIN CONTACT	May cause irritation to the nasal passages.
INHALATION	Prolonged or repeated skin contact may cause irritation.
INGESTION	Prolonged or repeated skin contact may cause irritation.

NOTES TO PHYSICIAN Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Foam, dry chemical, carbon dioxide, water spray (fog).

UNSUITABLE EXTINGUISHING MEDIA None known

SPECIFIC HAZARDS ARISING FROM CHEMICAL This product is combustible. Products of combustion include but are not limited to: oxides of carbon.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

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

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS Use personal protective equipment recommended in section 8.
ENVIRONMENTAL PRECAUTIONS See section 12 for ecological information.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

Soak up and contain spill with an absorbent material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard the product, residue disposal container with liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS. Wash area with soap and water.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

GENERAL HYGIENE ADVICE Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Keep container closed when not in use. Store in a dry, cool, and well-ventilated area. Keep out of reach of children.

INCOMPATIBLE MATERIALS Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Crystalline Silica 148-8-60-7	0.025mg/m ³ <i>(respirable fraction)</i>	30mg/m ³ <i>(total dust)</i>	50mg/m ³ <i>(respirable dust)</i>
Oxalic Acid 6153-56-6	Not available	Not available	Not available
Ammonia anhydrous 7664-41-7	25ppm	50ppm	300ppm
Isopropanol 67-63-0	200ppm	400ppm	2000ppm
ENGINEERING CONTROLS	Apply technical measures to comply with the occupational exposure limits.		

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Wear approved safety goggles.
SKIN/BODY PROTECTION	Wear protective gloves and protective clothing. Wear latex, rubber, nitrile, or polyethylene gloves.
RESPIRATORY PROTECTION	Ensure adequate ventilation, especially in confined areas.
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Off-white cream
COLOR	Off-white
ODOR	Ammonia
ODOR THRESHOLD	Not Determined
pH	9.7
MELTING POINT/FREEZING POINT	Not Determined
BOILING POINT/BOILING RANGE	Not Determined
FLASH POINT	>90.55°C (>195°F) TCC
EVAPORATION RATE	Not Determined
FLAMMABILITY (SOLID, GAS)	Not Determined
UPPER FLAMMABILITY LIMITS	Not Determined
LOWER FLAMMABILITY LIMITS	Not Determined
VAPOR PRESSURE	Not Determined
SPECIFIC GRAVITY	Not Determined
RELATIVE DENSITY	1.14
WATER SOLUBILITY	Not Determined
PARTITION COEFFICIENT	Not Determined
N-OCTANOL/ WATER	Not Determined

AUTO-IGNITION TEMPERATURE Not Determined
DECOMPOSITION TEMPERATURE Not Determined
VISCOSITY 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 Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT See **Section 4**
SKIN CONTACT See **Section 4**
INHALATION See **Section 4**
INGESTION See **Section 4**

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Crystalline silica 14808-60-7	500mg/kg (rat)	Not available	Not available
Oxalic acid 6153-56-6	Not available	Not available	Not available
Ammonia, anhydrous 7664-41-7	350mg/kg (rat)	Not available	5.1mg/l/h (rat)
Isopropanol 67-63-0	4396 mg/kg (rat)	12800 mg/kg (rabbit)	72.6 mg/1/4h

SYMPTOMS Please see section 4 of this SDS for symptoms.

CARCINOGENICITY Respirable silica is classified as carcinogen, however, silica dust is not generated with use of this product.

NUMERICAL MEASURES OF TOXICITY-PRODUCT Not determined.

12. ECOLOGICAL INFORMATION

ECOTOXICITY Not determined
PERSISTENCE AND DEGRADABILITY Not determined
BIOACCUMULATION Not determined
MOBILITY Not determined
OTHER ADVERSE EFFECTS Not determined

13. DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection. Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT

GROUND Not regulated

IATA

AIR Not regulated

IMDG

VESSEL Not regulated

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

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/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

U.S. FEDERAL REGULATIONS

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration (OSHA) applicable to this Safety Data Sheet differ from the requirements of the CPSC and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

CHEMICAL NAME	HAZARDOUS SUBSTANCES RQ	CERCLA/SARA RQ	REPORTABLE QUANTITY (RQ)
(7664-41-7)	1,000 LBS	1,000 LBS	100 LBS
(7664-41-7)			

16. OTHER INFORMATION

N/A

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge 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