

Safety Data Sheet

SECTION 1 - IDENTIFICATION

Product Name..... **AHB Sump Cleaner**
Product Code..... AHBHD4RP2
Manufacturer..... AHB Tooling & Machining, Inc.
Address..... 15300 Martin Road, Roseville, MI 48066
Phone Number..... 800-991-4225
Transportation Emergency..... CHEMTREC: (800) 424-9300 (Operation time: 24 hrs)
Use of substance/mixture..... Machine and Sump Cleaner - Water Soluble

SECTION 2 - HAZARD(S) IDENTIFICATION

GHS Classification: IRRITANT

GHS Label:



Signal Word: WARNING

Hazard Statement(s): CATEGORY 2, H315 - CAUSES SKIN IRRITATION.
CATEGORY 2, H320 - CAUSES EYE IRRITATION.

Precautionary Statement(s): P264 - WASH HANDS THOROUGHLY AFTER HANDLING.
P281 - USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
P301 + P310 + P330 + P331 - IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.
RINSE MOUTH. DO NOT INDUCE VOMITING.
P303 + P361 + P353 - IF ON SKIN: GENTLY WASH WITH PLENTY OF SOAP AND WATER.
P304 + P340 - IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.
P305 + P351 + P338 + P310 - IF IN EYES: RINSE CONTINUOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Hazards not otherwise classified NONE

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME | C.A.S. REGISTRY NO. | % |
|-----------------|---------------------|--------|
| TRIETHANOLAMINE | 102-71-6 | 5 - 15 |

SECTION 4 - FIRST AID MEASURES

Inhalation: IF IRRITATION OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion: DO NOT INDUCE VOMITING. DILUTE WITH WATER OR MILK. KEEP PERSON WARM AND QUIET AND GET MEDICAL ATTENTION.

Skin: REMOVE ANY CONTAMINATED CLOTHING. THOROUGHLY WASH AREA WITH MILD SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.

Eyes: FLUSH WITH WATER, IMMEDIATELY, FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION PERSISTS.

Most important symptoms/effects: SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media..... REGULAR FOAM, WATER SPRAY, CARBON DIOXIDE, HALON, OR DRY CHEMICAL FOR SURROUNDING FIRES.

Unsuitable Extinguishing Media..... DO NOT USE WATER STREAM AS AN EXTINGUISHER, THIS COULD CAUSE THE FIRE TO SPREAD.

Special Fire Fighting Procedures..... WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

Unusual Fire and Explosion Hazards..... TIGHTLY CLOSED CONTAINERS MAY BURST UNDER FIRE CONDITIONS. COOL WITH WATER STREAM.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions and Procedures..... KEEP UNNECESSARY PERSONNEL AWAY. ALL PERSONS CLEANING UP SPILL SHOULD WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. RESTRICT ACCESS TO AREA OF SPILL UNTIL IT IS CLEANED UP.

Containment and Clean Up Methods..... SHOULD BE PREVENTED FROM ENTERING DRAINS, SEWERS, STREAMS AND ANY OPEN OR PUBLIC BODY OF WATER. COVER SPILLS WITH AN ABSORBENT, SWEEP UP AND PUT IN A PROPER CONTAINER FOR DISPOSAL IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 7 - HANDLING AND STORAGE

Handling And Storage Precautions..... KEEP FROM EXTREME TEMPERATURES. KEEP EMPTY CONTAINERS AWAY FROM SPARKS AND OPEN FLAMES. FOLLOW COMMON SENSE HYGIENE AND HANDLING PRACTICES. KEEP IN A CLOSED CONTAINER WHEN NOT IN USE. WASH THOROUGHLY AFTER USE.

Other Precautions..... ROTATE STOCK. DO NOT RE-USE EMPTY CONTAINERS.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection.....NONE NORMALLY REQUIRED.
Local Exhaust Ventilation.....USUALLY NOT REQUIRED.
Mechanical Ventilation.....NORMAL RATE
Protective Gloves.....WEAR CHEMICALLY RESISTANT GLOVES SUCH AS POLYETHYLENE.
Eye Protection.....CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES RECOMMENDED. AVOID EYE CONTACT.
Other Protective Equipment.....WEAR IMPERVIOUS CLOTHING AND BOOTS TO PREVENT PROLONGED OR REPEATED SKIN CONTACT.
APRON RECOMMENDED. EYE-WASH AVAILABLE IN CASE OF ACCIDENT IS RECOMMENDED.
Exposure Limits.....PEL/TLV = 6 mg/m3, MIST

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------|---------------------|-------------------------------------|------------------|
| Appearance..... | Clear light amber | Upper/Lower Flammability..... | Not available |
| Odor..... | Mild (Slight) | Vapor Pressure..... | Not available |
| Odor Threshold..... | Not available | Vapor Density..... | Not available |
| Specific Gravity..... | 1.000 - 1.100 | Relative Density..... | Not available |
| pH@10%..... | 8.0 - 9.0 | Solubility(ies)..... | Soluble in water |
| Freezing Point..... | 32°F (0°C) | Partition Coefficient (LogKow)..... | Not available |
| Boiling Point..... | 212°F (100°C) | Auto-ignition Temperature..... | Not available |
| Flash Point..... | Not available | Decomposition Temperature..... | Not available |
| Evaporation Rate..... | Equivalent to water | Viscosity..... | Not available |

SECTION 10 - STABILITY AND REACTIVITY

Reactivity.....NO SPECIFIC TEST DATA AVAILABLE FOR THIS PRODUCT. REFER TO CONDITIONS TO AVOID AND INCOMPATIBLE MATERIALS FOR ADDITIONAL INFORMATION.
Stability.....STABLE
Incompatible Materials.....STRONG OXIDIZERS
Conditions to Avoid.....AVOID HEAT, SPARKS AND OPEN FLAMES.
Hazardous Polymerization.....WILL NOT OCCUR.
Hazardous Decomposition Products.....COMBUSTION MAY PRODUCE OXIDES OF CARBON OR UNIDENTIFIED ORGANIC COMPOUNDS.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely routes of exposure.....Dermal, Inhalation

Potential acute health effects

Eye contact.....May cause transient eye irritation with pain and redness.
Inhalation.....Prolonged breathing of vapors may cause respiratory tract irritation.
Skin contact.....Prolonged contact can cause skin irritation.
Ingestion.....Ingesting large amounts may casue irritation of the gastrointestinal tract, nausea and vomiting.

Potential chronic health effects

General.....No known significant effects or critical hazards.
Carcinogenicity.....No known significant effects or critical hazards.
Mutagenicity.....No known significant effects or critical hazards.
Teratogenicity.....No known significant effects or critical hazards.
Developmental effects.....No known significant effects or critical hazards.
Fertility effects.....No known significant effects or critical hazards.

FROM THE AVAILABLE TOXICOLOGICAL DATA ON THE INGREDIENTS USED IN THIS PRODUCT, THE PROJECTED TOXICOLOGICAL DATA FOR THIS FINISHED PRODUCT IS:

ORAL LD50 (RAT) - >5000 mg/kg, PRACTICALLY NON-TOXIC; DERMAL LD50 (RABBIT) - >5000 mg/kg, PRACTICALLY NON-TOXIC

SECTION 12 - ECOLOGICAL INFORMATION

NO DATA AVAILABLE

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method.....SPILLED MATERIAL SHOULD BE DISCARDED AS DESCRIBED ABOVE, OBSERVING ALL LOCAL, STATE AND FEDERAL GOVERNMENTAL REGULATIONS THAT APPLY TO SPILL REPORTING AND WASTE DISPOSAL.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name.....CLEANER, WATER BASED
DOT Hazard Class (49CFR172.101).....NON-HAZARDOUS

SECTION 15 - REGULATORY INFORMATION

U.S. TSCA.....ALL COMPONENTS ARE ON THE TSCA INVENTORY.
Hazardous Products Act Info:CPR COMPLIANCE: THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATION (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY CPR.
CEPA - Domestic Substances ListALL SUBSTANCES CONTAINED IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.
SARA Title III, Section 313.....NONE
WHMIS.....D-2B

SECTION 16 - OTHER INFORMATION

NFPA RATINGS.....HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0
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PREPARED FOR.....AHB Tooling & Machinery, Inc.