SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Name ..... ***A-B INTERIOR CLEANER***
Product Code Z105004
Manufacturer ..... ZIEBART INTERNATIONAL CORP.
Address..... 1290 East Maple Rd. P.O. Box 1290, Troy, MI 48007
Transportation Emergency..... CHEMTREC: (800) 424-9300 (Operation time: 24 hrs)
Use of substance/mixture..... Liquid Soap, Cleaners

SECTION 2 - HAZARD(S) IDENTIFICATION

GHS Classification: IRRITANT

GHS Label:

Signal Word: WARNING
Hazard statement(s): H315 - CAUSES SKIN IRRITATION
H320 - CAUSES EYE IRRITATION
Precautionary statement(s): P264 - WASH HANDS THOROUGHLY AFTER HANDLING
P281 - USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED
Response: 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 COUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S. REGISTRY NO.	%	TLV, PEL, OTHER LIMITS
DIAMMONIUM CHLORIDE	68424-95-3	2.0 - 5.0	NOT ESTABLISHED
SURFACTANT	127087-87-0	2.0 - 5.0	NOT ESTABLISHED
SODIUM PERCARBONATE	15630-89-4	0.5 - 2.0	NOT ESTABLISHED
EDTA	64-02-8	2.0 - 5.0	NOT ESTABLISHED
WATER	7732-18-5	75.0 - 90.0	NON HAZARDOUS

SECTION 4 - FIRST AID MEASURES

Inhalation: IF IRRITATION OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
Ingestion: IF CONCIOUS, GIVE 2 GLASSES OF WATER OR MILK TO DILUTE STOMACH CONTENTS. GET IMMEDIATE MEDICAL ATTENTION.
Skin: REMOVE ANY CONTAMINATED CLOTHING. THOROUGHLY WASH AREA WITH MILD SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS. LAUNDER 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.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point ..... NONE
Flammable Limits ..... NONE
Extinguishing Media ..... USE WATER SPRAY, DRY CHEMICAL, CO2, OR ALCOHOL FOAM FOR SURROUNDING FIRE.
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

Spills: 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 ..... USUALLY NOT NECESSARY.
Local Exaust Ventilation ..... NOT NEEDED.
Mechanical Ventilation ..... GENERAL.
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.

SECTION 9 - PHYSICAL DATA

Appearance	Clear liquid	% Solids	5-15
Odor	Mild [Slight] Floral	Vapor Pressure	< 30 mm Hg at 20 °C
Specific Gravity	1.00-1.01	Vapor Density	Not available
pH	11.0 - 12.0	Relative Density	Not available
Freezing Point	32°F (0°C)	Solubility(ies)	Soluble in water
Boiling Point	212°F (100°C)	Partition Coefficient (LogKow)	Not available
Flash Point	Not available	Auto-ignition Temperature	Not available
Evaporation Rate	Equivalent to water	Decomposition Temperature	Not available
Flamability	Not available	Viscosity	Not available
Upper/lower Fammability	Not available	% Volatiles	75-90, as water

SECTION 10 - STABILITY AND REACTIVITY

Reactivity ..... NO SPECIFIC TEST DATA AVALIABLE 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 ..... LIQUID SOAP, CLEANERS
DOT Hazard Class (49CFR172.101) ..... NON-HAZARDOUS
UN Number ..... NOT REGULATED
Packing Group ..... NOT REGULATED
Labels Required ..... NOT REGULATED
IMDG Code Page No. ..... NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

U.S. TSCA ..... ALL COMPONENTS ARE ON THE TSCA INVENTORY.
SARA Title III, Section 313 ..... NONE

SECTION 16 - OTHER INFORMATION

NFPA RATINGS ..... HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0
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