

Ziebart International Corporation

World Headquarters, 1290 East Maple Rd., P.O. Box 1290, Troy, MI 48007-1290 Phn: (248) 588-4100

Material Safety Data Sheet**SECTION 1 - CHEMICAL PRODUCT AND COMPANY DETAILS**

Product Name **AB KNOCK-OUT Z300693, Z300696**
Product Code KO
Manufactured for ZIEBART INTERNATIONAL CORP.
Address 1290 East Maple Rd. P.O. Box 1290, Troy, MI 48007
Telephone # (248) 588-4100
Date Prepared 2/14/2015

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME | C.A.S. REGISTRY NO. | % | TLV, PEL, OTHER LIMITS |
|---------------|---------------------|------------|------------------------|
| BIOCIDE | 68424-95-3 | 0.5 - 2.0 | NOT ESTABLISHED |
| SURFACTANT | 127087-87-0 | 5.0 - 10.0 | NOT ESTABLISHED |
| WATER | 7732-18-5 | BALANCE | NON HAZARDOUS |

SECTION 3 - HEALTH HAZARD DATA**Primary Route of Entry:** SKIN/EYE CONTACT**Inhalation:** PROLONGED BREATHING OF VAPORS OR MISTS MAY CAUSE RESPIRATORY TRACT IRRITATION.**Oral:** INGESTING LARGE AMOUNTS MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT, NAUSEA AND VOMITING.**Skin:** PROLONGED OR REPEATED CONTACT MAY CAUSE MODERATE SKIN IRRITATION.**Eyes:** MAY CAUSE MILD EYE IRRITATION.**Chronic Overexposure:** NO EFFECT EXPECTED.**SECTION 4 - FIRST AID MEASURES****Inhalation:** IF IRRITATION OCCURS, REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION.**Ingestion:** IF CONSCIOUS, 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. 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.**SECTION 5 - FIRE FIGHTING MEASURES**

Flash Point NONE, CONTAINS WATER

Flammable Limits NOT DETERMINED

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.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to Take In Case Of Spill SPILLS SHOULD BE PREVENTED FROM ENTERING DRAINS, SEWERS, STREAMS AND ANY OPEN OR PUBLIC BODY OF WATER. COVER SPILLS WITH ABSORBANT, SWEEP UP AND PLACE IN A DOT-APPROVED WASTE CONTAINER FOR ULTIMATE DISPOSAL IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS THAT APPLY.

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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. VENT CONTAINER PERIODICALLY, ESPECIALLY IN WARM WEATHER. 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 Exhaust Ventilation NOT NEEDED.

Mechanical Ventilation GENERAL.

Protective Gloves WEAR CHEMICALLY RESISTANT GLOVES SUCH AS POLYETHYLENE.

Eye Protection CHEMICAL SPLASH GOGGLES OR FACE SHIELD RECOMMENDED.

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

| | | | |
|---------------------------|----------------------------|------------------------|-----------------|
| Boiling Point | ~212 F | Specific Gravity | 1.00-1.01 |
| Vapor Pressure | < 30 mm Hg at 20 °C | % Volatiles | 85-95, AS WATER |
| Vapor Density | NOT DETERMINED | % Solids | 5-15 |
| Solubility in Water | COMPLETE | Evaporation | ~1, WATER =1 |
| Appearance and Odor | CLEAR LIQUID, FLORAL ODOR. | pH | 6.0-6.5 |

SECTION 10 - STABILITY AND REACTIVITY

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

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 - PRECAUTIONS FOR SAFE HANDLING AND USE

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

TSCA ALL COMPONENTS ARE ON THE TSCA INVENTORY.

SARA Title III, Section 313 NONE

CEPA - Domestic Substances List ALL SUBSTANCES CONTAINED IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

WHMIS..... D-2B

SECTION 16 - OTHER INFORMATION

NFPA RATINGS HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0