

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 **WASH-N-SHINE Z106000, Z106004**
Product Code WNS
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
ISOPROPANOL	67-63-0	1-5	400 ppm - TWA, 500ppm - STEL

SECTION 3 - HEALTH HAZARD DATA**Primary Route of Entry:** SKIN/EYE CONTACT.**Inhalation:** PROLONGED BREATHING OF VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION.**Oral:** MAY CAUSE SEVERE IRRITATION OF THE GASTROINTESTINAL TRACT. ASPIRATION INTO THE LUNGS MAY CAUSE PULMONARY EDEMA OR CHEMICAL PNEUMONITIS.**Skin:** PROLONGED CONTACT WITH CONCENTRATE CAN RESULT IN SEVERE SKIN IRRITATION OR BURNING.**Eyes:** MAY CAUSE SEVERE EYE IRRITATION WITH PAIN, REDNESS, TEARING AND SWELLING OF THE CONJUNCTIVAE. AVOID EYE CONTACT.**Chronic Overexposure:** NONE KNOWN.**SECTION 4 - FIRST AID MEASURES****Inhalation:** IF IRRITATION OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION.**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 MEDICAL ATTENTION.**SECTION 5 - FIRE FIGHTING MEASURES****Flash Point** NONE, CONTAINS WATER.**Flammable Limits** NOT DETERMINED**Extinguishing Media** REGULAR FOAM, WATER SPRAY, CARBON DIOXIDE, HALON OR DRY CHEMICAL FOR SURROUNDING FIRES.**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**

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 AN 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 DRUMS 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 NONE NORMALLY REQUIRED.
Local Exhaust Ventilation PROVIDE ADEQUATE VENTILATION TO REMOVE VAPORS, IF PRESENT.
Mechanical Ventilation NORMAL RATE.
Protective Gloves WEAR 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	0.980-1.002
Vapor Pressure	< 1 mm Hg at 20 C	% Volatiles	50-60, AS WATER
Vapor Density	HEAVIER THAN AIR.	% Solids	40-50
Solubility in Water	COMPLETE	Evaporation	1, WATER =1
Appearance and Odor	CLEAR, AMBER LIQUID, PLEASANT ODOR.	pH	8.0-9.0

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.

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