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MATERIAL SAFETY DATA SHEET

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Ziebart International Corporation
1290 E, Maple Road,
Troy, Michigan 48083
248-837-4030

PRODUCT: 2606N-15-003 Professional Grade ZEEGlass Cleaner (bulk) Z300665**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER Manufactured for:
Ziebart International Corporation
1290 East Maple Rd., Troy, MI 48083, USA
248-588-4100

PRODUCT NAME..... 2606N-15-003 Professional Grade ZEEGlass Cleaner (bulk)
CHEMICAL FAMILY..... AQUEOUS MIXTURE.
MOLECULAR WEIGHT..... NOT APPLICABLE.
CHEMICAL FORMULA..... MIXTURE.
TRADE NAMES & SYNONYMS..... 2606N-15-003 Professional Grade ZEEGlass Cleaner (bulk)
RECOMMENDED PRODUCT USES..... CLEANER.
FORMULA/LAB BOOK #..... F 15-040L.

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route, Species	LC/50 Route, Species
ETHYLENE GLYCOL MONOBUTYL ETHER	1-4	25 ppm	111-76-2	530 - 2616 mg/kg ORAL - RAT	450 ppm (4 hr) INHAL - RAT
ISOPROPANOL	0.1-1.5	400 ppm	67-63-0	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION..... ETHYLENE GLYCOL MONOBUTYL ETHER MAY CAUSE RED BLOOD CELL HEMOLYSIS AND POSSIBLE LIVER AND KIDNEY DAMAGE. MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.

INHALATION..... INHALATION OF SOLVENTS MAY CAUSE IRRITATION.

EYE CONTACT..... ETHYLENE GLYCOL MONOBUTYL ETHER CAUSES MODERATE IRRITATION AND POSSIBLE CORNEAL INJURY.

SKIN ABSORPTION..... ETHYLENE GLYCOL MONOBUTYL ETHER PENETRATES SKIN READILY. FREQUENT OR WIDE SPREAD CONTACT MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS. SIGNS AND SYMPTOMS OF TOXICITY ARE SIMILAR TO THOSE OF SWALLOWING.

SKIN CONTACT..... MAY CAUSE IRRITATION.

EFFECTS OF ACUTE EXPOSURE..... DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.

EFFECTS OF CHRONIC EXPOSURE..... ETHYLENE GLYCOL MONOBUTYL ETHER MAY CAUSE HEMOLYSIS OF THE RED BLOOD CELLS LEADING TO POSSIBLE LIVER AND KIDNEY DAMAGE.
. SOLVENTS MAY CAUSE DEFATTING DERMATITIS

EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN OR EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; FOR EYES, GET MEDICAL ATTENTION. IN CASE OF INGESTION, DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY AND HAVE NAMES OF INGREDIENTS AVAILABLE.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... 245 TO 399.

SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

FLAMMABILITY..... NOT A FLAMMABLE PRODUCT (AS PER CANADIAN AEROSOL REGULATIONS).

IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.

EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

FLASH POINT (C), TAG CLOSED CUP..... LOWEST KNOWN VALUE IS IPA @ 14°C.

UPPER FLAMMABLE LIMIT..... 12.6.

Section 05: FIRE FIGHTING MEASURES

Section 06: ACCIDENTAL RELEASE MEASURES

Section 07: HANDLING AND STORAGE

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:	
YES.....	UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....	NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:	
NO, WHICH ONES?.....	STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?.....	NOT APPLICABLE.
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.

PRODUCT: 2606N-15-003 Professional Grade ZEEGlass Cleaner (bulk)**Section 11: TOXICOLOGICAL INFORMATION**

REPRODUCTIVE EFFECTS..... NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.

IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.

SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.

CARCINOGENICITY OF MATERIAL..... THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC, (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).

TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.

MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... NOT A CONTROLLED MATERIAL.

D.O.T. CLASSIFICATION..... NOT A CONTROLLED MATERIAL.

IMDG/IMO:

Classification..... LIQUID, NON FLAMMABLE.

Proper Shipping Name..... NOT REGULATED.

UN Number..... NONE.

Packing Group..... NONE.

Marine Pollutant..... NO.

Section 15: REGULATORY INFORMATION**CANADIAN REGULATIONS:**

WHMIS CLASSIFICATION..... D1A, D2B.

CEPA (Canadian Environmental Protection Act)..... ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 1 SLIGHT HAZARD.

HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.

HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.

HMIS RATING PERSONAL PROTECTION..... B.

NFCC SECTION 4.1..... NOT REGULATED.

TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.

SARA 313 INFORMATION:..... THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

CAS #: CHEMICAL

NAME: N/A.

CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:

WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS #: CHEMICAL NAME:

VOC (w/w%)..... 4. N/A.

PRODUCT: 2606N-15-003 Professional Grade ZEEGlass Cleaner (bulk)**Section 16: OTHER INFORMATION**

NOTICE FROM ZIEBART INTERNATIONAL CORPORATION

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY ZIEBART INTERNATIONAL CORPORATION FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. ZIEBART INTERNATIONAL CORPORATION ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY.....

Regulatory Affairs

PREPARATION DATE

Jan21/14