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1301 E. 9th Street, #700
Cleveland OH 44114
(800) 726-9626

Material Safety Data Sheet

Barnes Distribution

MSDS Form No. : 005359
Item No. : BD1010, BD1010-1

MATERIAL SAFETY DATA SHEET

------SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ------

PRODUCT NAME: STAINLESS STEEL CLEANER

IDENTIFICATION NUMBER: A-3057 0720-F

PRODUCT USE/CLASS: STAINLESS STEEL CLEANER

MANUFACTURED FOR:
BARNES DISTRIBUTION
THE GALLERIA/TOWER AT ERIEVIEW
1301 EAST 9TH STREET, STE #700
CLEVELAND, OH 44114

PHONE: 1-866-438-6767 MON - FRI / 8:00 AM - 5:00 PM

EMERGENCY TELEPHONE: 303-623-5716 ROCKY MOUNTAIN POISON CONTROL 24H

MANUFACTURED BY:
BARNES DISTRIBUTION
THE GALLERIA/TOWER AT ERIEVIEW
1301 EAST 9TH STREET, STE #700
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PHONE: 1-866-438-6767 MON - FRI / 8:00 AM - 5:00 PM

EMERGENCY TELEPHONE: 303-623-5716 ROCKY MOUNTAIN POISON CONTROL 24H

PREPARER: CUSTOMER SERVICE

PHONE:

PREPARE DATE: 07/05/11

------SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS ------

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	PETROLEUM HYDROCARBON	64741-65-7	10 - 20%
02	PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	1 - 10%
03	TRIETHANOLAMINE	102-71-6	1 - 10%

EXPOSURE LIMITS:

ITEM	ACGIH		OSHA		COMPANY	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	
01	300 PPM	N.E.	300 PPM	N.E.	300 PPM	NO
02	1000 PPM	N.E.	800 PPM	N.E.	N.E.	YES
03	5 MG/M3	N.E.	N.E.	N.E.	N.E.	NO

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

------SECTION 3 - HAZARDS IDENTIFICATION ------

EMERGENCY OVERVIEW:
VAPORS IRRITATING TO EYES AND RESPIRATORY TRACT. VAPORS MAY CAUSE FLASH FIRE OR EXPLOSION.

EFFECTS OF OVEREXPOSURE - EYE CONTACT:
LIQUID, AEROSOLS AND VAPORS OF THIS PRODUCT ARE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING ACCOMPANIED BY A STINGING SENSATION AND/OR A FEELING LIKE THAT OF FINE DUST IN THE EYES.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS (RASH).

EFFECTS OF OVEREXPOSURE - INHALATION:
HEADACHES, DIZZINESS, NAUSEA, DECREASED BLOOD PRESSURE, CHANGES IN HEART RATE AND CYANOSIS MAY RESULT FROM OVER-EXPOSURE TO VAPOR OR SKIN EXPOSURE. PROLONGED INHALATION MAY BE HARMFUL.

EFFECTS OF OVEREXPOSURE - INGESTION:
THIS MATERIAL MAY BE HARMFUL OR FATAL IF SWALLOWED. IF A CORROSIVE PRODUCT, MAY CAUSE SEVERE AND PERMANENT DAMAGE TO MOUTH, THROAT AND STOMACH.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:
OVEREXPOSURE MAY CAUSE NERVOUS SYSTEM DAMAGE. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. MAY CAUSE LIVER DISORDER (E.G., EDEMA, PROTEINURIA) AND DAMAGE.

PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT
INHALATION
INGESTION
EYE CONTACT

------SECTION 4 - FIRST AID MEASURES ------

FIRST AID - EYE CONTACT:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS.

FIRST AID - SKIN CONTACT:
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

FIRST AID - INHALATION:

REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.
IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION.

FIRST AID - INGESTION:
GET MEDICAL ATTENTION IMMEDIATELY. IF SWALLOWED, DO NOT INDUCE VOMITING.
GIVE VICTIM A GLASS OF WATER OR MILK. CALL A PHYSICIAN OR POISON CONTROL
CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

------SECTION 5 - FIRE FIGHTING MEASURES ------

FLASH POINT: -156 F (PENSKY-MARTENS C.C.)

LOWER EXPLOSIVE LIMIT: 0.6%
UPPER EXPLOSIVE LIMIT: 10.0%

AUTOIGNITION TEMPERATURE:

EXTINGUISHING MEDIA:
ALCOHOL FOAM
CO2
DRY CHEMICAL
FOAM
WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:
VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. "EMPTY" CONTAINERS
RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT
PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH
CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF
IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY DRUMS SHOULD BE
COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM
RECONDITIONER, OR PROPERLY DISPOSED OF.

SPECIAL FIREFIGHTING PROCEDURES:
CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT (FIRE). AS IN ANY FIRE,
WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED
OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

------SECTION 6 - ACCIDENTAL RELEASE MEASURES ------

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A
CHEMICAL WASTE CONTAINER.

------SECTION 7 - HANDLING AND STORAGE ------

HANDLING: WASH THOROUGHLY AFTER HANDLING.

STORAGE: KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP FROM FREEZING.

------SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION ------

ENGINEERING CONTROLS:
LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR TLVS DURING THE USE OF THIS PRODUCT.

RESPIRATORY PROTECTION:
A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR ANY OTHER CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

SKIN PROTECTION:
WHERE CONTACT IS LIKELY, WEAR CHEMICAL RESISTANT GLOVES, A CHEMICAL SUIT, RUBBER BOOTS, AND CHEMICAL SAFETY GOGGLES PLUS A FACE SHIELD.

EYE PROTECTION:
WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES) AND A FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT:
STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

HYGIENIC PRACTICES:
WASH HANDS BEFORE EATING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. USE ONLY IN A WELL VENTILATED AREA. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE THEY MAY RETAIN PRODUCT RESIDUES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID BREATHING VAPORS FROM HEATED MATERIAL. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

------SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ------

BOILING RANGE: -23 - 651 F

VAPOR DENSITY: IS HEAVIER THAN AIR

ODOR: FRAGRANCED

ODOR THRESHOLD: N.D.

APPEARANCE: WHITE

EVAPORATION RATE: IS FASTER THAN BUTYL ACETATE

SOLUBILITY IN H2O: EMULSION

FREEZE POINT: N.D.

SPECIFIC GRAVITY: 0.8521

VAPOR PRESSURE: N.D.

pH @ 0.0%: 10

PHYSICAL STATE: AEROSOL

VISCOSITY: N.D.

COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D.

VOLATILE ORGANIC COMPOUNDS (VOCS): 2.01 lbs/gal, 241 grams/ltr

VOC, % (wt): 28.18%

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

------SECTION 10 - STABILITY AND REACTIVITY ------

CONDITIONS TO AVOID: ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES.

INCOMPATIBILITY: STRONG ACIDS, ALKALIS, OXIDIZERS, AND AMINES.

HAZARDOUS DECOMPOSITION PRODUCTS:
OXIDES OF CARBON, OXIDES OF NITROGEN, AND MAY PRODUCE FORMS OF CHLORIDE, CHLORINE, AND PHOSGENE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

------SECTION 11 - TOXICOLOGICAL PROPERTIES ------

PRODUCT LD50: 2000 MG/KG
PRODUCT LC50: 5500 PPM

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD50	LC50
PETROLEUM HYDROCARBON	>10000 MG/KG	NE
PROPANE/ISOBUTANE/N-BUTANE	NE	658000 MG/M3/4HRAT
WHITE MINERAL OIL	NE	NE
SORBITAN MONOOLEATE	>39800 MG/KG RAT	NE
TRIETHANOLAMINE	>2000 MG/KG/RAT	N.E.

------SECTION 12 - ECOLOGICAL INFORMATION ------

ECOLOGICAL INFORMATION: NO INFORMATION.

------SECTION 13 - DISPOSAL CONSIDERATIONS ------

DISPOSAL METHOD:
DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

------SECTION 14 - TRANSPORTATION INFORMATION ------

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY

DOT TECHNICAL NAME: ORM-D

DOT HAZARD CLASS:

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE PAGE:

------SECTION 15 - REGULATORY INFORMATION ------

U.S. FEDERAL REGULATIONS: AS FOLLOWS

OSHA:
HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:
THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:
IMMEDIATE HEALTH HAZARD
CHRONIC HEALTH HAZARD
FIRE HAZARD
PRESSURIZED GAS HAZARD

SARA SECTION 313:
THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN

NO SARA SECTION 313 COMPONENTS EXIST IN THIS PRODUCT.

TOXIC SUBSTANCES CONTROL ACT:
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES:

CHEMICAL NAME	CAS NUMBER

U.S. STATE REGULATIONS: AS FOLLOWS

NEW JERSEY RIGHT-TO-KNOW:
THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT:

CHEMICAL NAME	CAS NUMBER
WATER	7732-18-5
WHITE MINERAL OIL	8042-47-5

PENNSYLVANIA RIGHT-TO-KNOW:
THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%:

CHEMICAL NAME	CAS NUMBER
WATER	7732-18-5
WHITE MINERAL OIL	8042-47-5

CALIFORNIA PROPOSITION 65:

WARNING:
THE CHEMICAL(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT, ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

CHEMICAL NAME	CAS NUMBER

NO PROPOSITION 65 CHEMICALS EXIST IN THIS PRODUCT.

INTERNATIONAL REGULATIONS: AS FOLLOWS

CANADIAN WHMIS:
THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS: A, D2B

------SECTION 16 - OTHER INFORMATION ------

HMIS RATINGS:

HEALTH 1
FLAMMABILITY 2
REACTIVITY 0

LEGEND:
N.A. - NOT APPLICABLE
N.E. - NOT ESTABLISHED
N.D. - NOT DETERMINED

THIS MSDS IS NOT FOR REPRODUCTION OR DISTRIBUTION:
THE INFORMATION CONTAINED ON THIS MSDS IS BEEN CHECKED AND SHOULD BE ACCURATE. HOWEVER, IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

PRODUCT: A-3057 0720-F