

MATERIAL SAFETY DATA SHEET

Section I

Product Name

PERMACLEAN, #30-10 ALL PURPOSE DEGREASER
#30-10E ALL PURPOSE CLEANER ECONOMY BLEND
#30-20 HEAVY DUTY DEGREASER
#30-20S HEAVY DUTY DEGREASER SUPER GRADE

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
EB SOLVENT		50		5 to 15
POTASSIUM HYDROXIDE		N/A		2 to 8

Section III — Physical/Chemical Characteristics

Boiling Point	220 °F	Specific Gravity (H ₂ O = 1)	1.02
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water			
SOLUBLE			
Appearance and Odor			
CLEAR BLUE LIQUID, PLEASANT ODOR			

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	N/A						
Special Fire Fighting Procedures	N/A						
Unusual Fire and Explosion Hazards.	N/A						

Section V — Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid) ALUMINUM, ZINC			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	
Section VI — Health Hazard Data			
Route(s) of Entry: Inhalation? Skin? Ingestion?			
PRIMARY EYES			
Health Hazards (Acute and Chronic) IRRITANT - CAN CAUSE BURN AND ULCERATION			
Carcinogenicity: NRP? IARC Monographs? OSHA Regulated?			
UNKNOWN			
Signs and Symptoms of Exposure			
SEE ABOVE			
Medical Conditions			
Generally Aggravated by Exposure NONE KNOWN			
Emergency and First Aid Procedures			
FLUSH AFFECTED AREA WITH WATER, RINSE WELL FROM EYES			
CALL PHYSICIAN IF NECESSARY IF DIGESTED SEEK MEDICAL ATTENTION			
Section VII — Precautions for Safe Handling and Use			
Steps to be taken in case material is released or spilled			
HOSE WITH WATER, NEUTRALISE WITH MILD ACID			
Waste Disposal Method			
DISPOSE OF IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.			
Precautions to be taken in handling and storing			
KEEP CONTAINER CLOSED WHEN NOT IN USE.			
Other Precautions			
DO NOT MIX WITH UNKNOWN CLEANERS OR DISINFECTANTS.			
Section VIII — Control Measures			
Respiratory Protection (Specify Type)			
Ventilation	Local Exhaust	N/A	Special
	Mechanical (General)	N/A	Other
Protective Gloves		N/A	Eye Protection
			SAFETY GLASSES
Other Protective Clothing or Equipment			
N/A			
Work/Hygienic Practices			
WASH HANDS AFTER USE			
The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Topaz or not. Recipients are advised to confirm in advance of need that the information is correct, applicable, and suitable to their circumstances.			
Recommendations for the use of this product are based on reliable tests. No guarantee of results are implied where conditions are beyond our control. Under no circumstances or conditions, either expressed or implied, will Topaz Industries, Inc. be liable for damages in excess of the purchase price of this product. Keep out of reach of children. For Commercial, Industrial or Professional Use Only.			

SUPER GRADE

HEAVY-DUTY CLEANER AND DEGREASER

CAUTIONARY INFORMATION

KEEP OUT OF REACH OF CHILDREN.

DO NOT TAKE INTERNALLY.

Wear rubber gloves and eye goggles when handling the concentrate. Avoid contact with the skin.

A concentrated heavy-duty cleaner and degreaser designed to penetrate and remove oil, grease, wax and grime from equipment, machinery, and floors. When used in a highly dilute solution **SUPER GRADE HEAVY DUTY CLEANER AND DEGREASER** serves as a very economical all-purpose cleaner.

DIRECTIONS:

General Maintenance: Dilute **SUPER GRADE HEAVY DUTY CLEANER AND DEGREASER** with up to 75 parts water. Wipe, dip or agitate area to be cleaned. Allow a few minutes for **SUPER GRADE HEAVY DUTY CLEANER AND DEGREASER** to penetrate and emulsify. Then hose or rinse off. Wire brush where applicable.

For Industrial Cleaning Under Extreme Conditions: Dilute **SUPER GRADE HEAVY DUTY CLEANER AND DEGREASER** with 5 to 20 parts water. Repeat as above.

For Use In Steam Or Pressure Cleaners: Dilute **SUPER GRADE HEAVY DUTY CLEANER AND DEGREASER** with up to 125 parts water.

Hot water recommended where available.

Recommendations for the use of this product are based on reliable tests. No guarantee of results are implied where conditions are beyond our control. Under no circumstances or conditions, either expressed or implied, will the manufacturer be liable for damages in excess of the purchase price of this product.
