

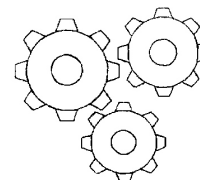


TECHNICAL DATA SHEET

AD2000

Cleaner Degreaser

DESCRIPTION: Super concentrated, high alkaline, butyl-based liquid degreaser. A perfectly balanced cleaner degreaser.



Advantages:

Superior detergency, superior solvency. Quickly removes heavy accumulations of grease, oil, and dirt. Not harmful to fine machine parts.

Reduces cleaning time. Makes tough cleaning jobs easier.

Highly concentrated — 1 part AD2000 with 60 parts water is still an effective cleaner for steam cleaning, floor scrubbing, and light spray cleaning.

Completely water soluble. Rinses quickly. No phosphates. Non flammable.

Specifications:

Physical Form	Clear Liquid
Color	Yellow
Scent	Glycol Ether
Specific Gravity	1.070
Density	8.90 lbs. per gallon
Foam Test 2% Solution	Initial — 115mm 5 minutes — 70mm
pH 2%	11.4
Active Alkalinity	3.67%
Total Alkalinity	3.83%
Total Solids	15%
Total Activity	25.58%

Directions:

Easy to use — apply by spraying, wiping, brushing, dipping, or soaking. Versatile.

1 part AD2000 to 4 parts water: motors, machinery, trucks, whitewall tires, concrete, ovens, hoods, and fans.

1 part AD2000 to 10 parts water: walls, floors, cabinets, appliances, boats, carpet and upholstery spotting, vinyl, leatherette, woodwork, porcelain, plastic, ceramic, and painted aluminum siding.

1 part AD2000 to 20 parts water: wax stripping linoleum, tile floors, asphalt, vinyl, rubber, cork, and terrazzo.

1 part AD2000 to 60 parts water: steam cleaning, floor scrubbing, and pressure washing.

Cannot be used on all surfaces that can be washed with water. If in doubt, try on a small, inconspicuous spot before proceeding. **DO NOT USE ON GLASS.**

CAUTION

KEEP OUT OF REACH OF CHILDREN

Shipping Weight in Pounds:

Case 4 Plastic Gallons	38.1 pounds
5 Gallon Plastic Pail	47.1 pounds
55 Gallon Drum	530.05 pounds



**Warsaw
Chemical** CO.
INC.
P.O. BOX 858 • Warsaw, Indiana 46581
ORDERS: 800-548-3396

MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable) N/E (Not Established)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: AD2000
GENERIC NAME: Heavy Duty Degreaser

CHEMICAL FAMILY: Liquid Mixture
PROPER SHIPPING NAME: Corrosive Liquid,
N.O.S., 8 UN1760, PGH (Potash, Silicates)

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH _____ 2
FLAMMABILITY _____ 0
REACTIVITY _____ 0
PERSONAL PROTECTION _____ C

HAZARD RATING

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	TLV	% WT (OPT)
* Ethylene glycol monobutyl ether	111-76-2	25ppm PEL	<10%
Nitrilo triacetic acid, trisodium salt	139-13-9	N/E	
Potassium hydroxide	1310-58-3	1mg/m3	<10%

*Notification of this chemical is required by SARA III Section 313.
You may be required to report this chemical accordingly.

SECTION IV - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None normally required
PROTECTIVE GLOVES: Impervious
EYE PROTECTION: Safety glasses or goggles
VENTILATION: Room ventilation is normally adequate
OTHER PROTECTIVE EQUIPMENT: Sufficient to prevent skin contact.
Eyewash and shower located near the workplace.

SECTION VI - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Non flammable
UPPER EXPLOSIVE LIMIT: N/A **LOWER EXPLOSIVE LIMIT:** N/A
EXTINGUISHING MEDIA: Use the appropriate extinguishing media for the surrounding fire
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VII - FIRST AID

EYES: Immediately flush with water for at least 15 minutes, be sure to keep eyelids opened. Consult a physician if irritation persists.

SKIN: Flush with water for at least 15 minutes. Wash contaminated clothing before wearing. Get medical attention if irritation develops or persists.

INGESTION: If ingested, give large quantities of water.
DO NOT INDUCE VOMITING. Get immediate medical attention.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

SECTION IX - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Avoid extremes in temperatures. Do not allow to dry on glass.
Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep container closed when not in use. Wash hands after handling. Keep out of reach of children. Wear appropriate personal protection to avoid eye and skin contact.

Manufactured By: **WARSAW CHEMICAL CO., INC.**
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574-267-3251 FAX: 574-267-3884

24-Hour Emergency Response No. INFOTRAC 1-800-535-5053

SECTION III - PHYSICAL DATA

PHYSICAL DESCRIPTION:
Clear yellow liquid, Butyl Odor
BOILING RANGE (°F): 190 ± 215°F
VAPOR PRESSURE: N/E
% VOLATILE: <10%
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.07
EVAPORATION RATE: N/E
pH: 11.4

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (Materials to Avoid): Strong acids and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS POLYMERIZATION:
Will not occur

SECTION VIII - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE (Primary Route of Entry)
SKIN: Irritant
EYES: Irritant
INHALATION: May cause headache, nausea
CARCINOGENS: Nitrilo Triacetic Acid, Trisodium
NTP: OSHA: IARC: ACGIH:
OTHER: California Prop. 65

SECTION X - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear necessary personal protective equipment. Evacuate all unnecessary personnel. Dike area to prevent spreading of the spilled material. Cover with an inert absorbent (sand, clay, etc.), shovel into appropriate containers, and dispose of in accordance with federal, state, and local regulations.
EMPTY CONTAINERS DISPOSAL: Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.