

MSDS

HERTRON INTERNATIONAL, INC.

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **ALL-OFF**
PRODUCT USE: Penetrating Cleaner

Date: 6/17/02

H.M.I.S.

COMPANY:

HERTRON INTERNATIONAL, INC.
306 CLANTON ROAD
CHARLOTTE, NC 28217

EMERGENCY PHONE: 800-438-5066

		HAZARD RATING
2	HEALTH	4=Extreme
2	FIRE	3=High
0	REACTIVITY	2=Moderate
B	MAXIMUM PERSONAL PROTECTION	1=Slight
		0=Insignificant

A=Goggles, B=Goggles & Gloves, C=Goggles, Gloves & Apron

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
<u>Amine Alkylbenzene Sulfonate</u>	N/A	5-10	N/A	N/A	N/A	N/A
<u>Odorless Mineral Spirits*</u>	8052-41-3 or 64741-65-7	90-95	500ppm	100ppm	34.6g/kg	21.4g/m3

SARA: None of these materials contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR part 372.

*SARA: This material may contain a hazardous substance listed in 40 CFR 302.4. This substance is 2,2,4 – Trimethylpentane, CAS No.540-84-1, conc.=0-2%.

PROPOSITION 65: None of these materials contains a chemical or chemicals that appear on California's list of "chemicals known to the state to cause cancer or reproductive toxicity, May 17, 2002"

SECTION 3 – PHYSICAL DATA

Color and Odor: Water white, slt odor
Physical State: Liquid
Odor Threshold: N/A

Boiling Point: 210-415Deg F (OMS)
Freezing Point: <-13Deg F (OMS)
Water/Oil Distribution: N/A

Vapor Pressure (mmHG): 1.2 at 68Deg F (OMS) pH: N/A
Vapor Density (Air=1): 5.2 (OMS) Specific Gravity: 0.76
Evaporation Rate (BuAc=1): <0.17 (OMS) Solubility in Water: Insoluble

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 125-127Deg F (OMS). Autoignition Temperature: 235Deg F (OMS)
Flammable Limits: OMS. LEL: 1.0% UEL: 6.0%
Hazardous Combustion Products: Carbon Oxides

Extinguishing Media: Use media proper to the primary cause of fire.
Special Fire Fighting Procedures: Use proper protective equipment.
Unusual Fire and Explosion Hazards: Combustible Liquid. Possibility

SECTION 5 – REACTIVITY DATA

Chemical Stability: Yes X No ___
Incompatibility (Materials to Avoid): Strong Oxidizing Agents

Hazardous Decomposition of By-Products: N/A
Hazardous Polymerization: May Occur ___ Will Not Occur X

SECTION 6 – TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes
Sensitization: Not Known

Toxicologically Synergistic Products: None known
Medical Conditions Aggravated by Exposure: N/A

Carcinogenicity: N/A Teratogenicity: N/A Mutagenicity: N/A Reproductive Toxicity: N/A

EFFECTS OF OVEREXPOSURE (ACUTE AND/OR CHRONIC):

Eyes: May cause painful irritation.
Skin: May cause slight irritation. Potential for kidney damage on repeated exposure.
Ingestion: May cause irritation of the gastrointestinal tract. Vomiting may occur. May cause pulmonary injury.
Inhalation: May irritate the respiratory tract when used with inadequate ventilation.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation. Ventilation: Local Exhaust: X Mechanical: X
Protective Gloves: Chemical Resistant Gloves Eye Protection: Goggles
Protective Clothing and Equipment: Normal Work Clothes Work and Hygienic Practices: Wash hands and face before eating, drinking or smoking
Storage Requirements: Store in closed containers in a cool place away from food Other Requirements: Keep out of the reach of children.

Steps To Be Taken If Material Is Spilled or Released: Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

SECTION 8 – EMERGENCY AND FIRST AID PROCEDURES

FIRST AID NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 30 minutes holding eyelids open. Seek medical attention.
Skin: Remove contaminated clothing and footwear. Flood/shower with water for 30 minutes. Use soap.
Ingestion: Seek medical attention immediately. Do not induce vomiting
Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.