

MATERIAL SAFETY DATA SHEET  
 AMERICAN NIAGARA  
 6690 JONES MILL COURT  
 BUILDING A&B  
 NORCROSS, GA 30092  
 1-800-241-7708  
 770-409-5900

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SECTION I - PRODUCT IDENTIFICATION

Product Name: PULL OUT II  
 Chemical Family: Mixed solvents  
 Latest Revision Date: 12/01

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

CAS #	Ingredient	% by Weight	Exposure limits ACGIH TLV
	Mixed Chlorinated solvents	40-90	25
	Methylene Chloride 75-09-2 (refer to CAS #)	40-90	25
	Perchloroethylene 127-18-4	1-5	1000
	Dimethoxymethane formal 109-87-5	20-30	1000
	Isobutane 75-28-5	10-20	800
	Propane 74-98-6		

Non-Hazardous components:  
 Fumed silicas

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372. SEE SECTION X FOR SPECIFIC MATERIALS

THIS PRODUCT CONTAINS A COMPONENT TO BE A CARCINOGEN IN STATE OF CALIFORNIA.

SECTION III - PHYSICAL DATA

Boiling Point: (Water = 1): N/A 1.35-1.30	Specific Gravity Concentrate:
Vapor Pressure: Wt.: 30-40psig@70°F	Percent Volatile By >95
Vapor Density (AIR = 1): (Ethyl Ether = 1): > 1	Evaporation Rate > 1
Solubility in Water:	

Insoluble

Appearance/Odor: White opaque dispersion with ether-like odor

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flammability Classification: Slightly flammable. < 5" flame extension.

Flash Point:

LEL: UEL:

Flammable Limits:

- 145°F (propellant)

Not est. Not est.

Special Fire Fighting Procedures:

Wear NIOSH approved self contained breathing apparatus. Keep containers cool with water fog to prevent bursting.

Extinguishing Media:

Foam, CO 2, Dry chemical

Unusual Fire and Explosion Hazards:

Flammable propellant.

**SECTION V - HEALTH HAZARD DATA**

Primary Route(s) of Entry:

Inhalation ?  yes

Dermal ?  yes

Ingestion ?

yes

Effects of Overexposure:

EYES: Burning, redness, tearing.

SKIN: redness, irritation, dryness, defatting.

INHALATION: Typically at concentrations exceeding the recommended exposure limits, dizziness, drowsiness, headache. Overexposure to very high concentrations ( poorly ventilated areas ) of vapor can lead to unconsciousness, and possibly death due to asphyxiation.

INGESTION: Swallowing larger amounts may cause injury. Symptoms include nausea, vomiting, diarrhea, drowsiness. Aspiration into lungs may cause injury to other body systems (Chemical Pneumonitis).

Carcinogenicity: NTP ?  yes

IARC ?  yes

OSHA

?  yes

Medical Conditions Generally Aggravated By Exposure:

Health studies have shown that many chlorinated hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists of fumes should be minimized. This product should be considered a low-level carcinogen and toxic.

Emergency and First Aid Procedures:

EYES: Flush with water for 15 minutes, lifting upper and lower eyelids. Get medical attention if irritation persists.

SKIN: Wash with soap and water. Remove and clean contaminated clothing and shoes.

INHALATION: If symptoms develop, immediately remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen.

INGESTION: Get immediate medical attention or transport to an emergency facility. Do not leave victim unattended.

**SECTION VI - REACTIVITY DATA**

Stability:

Stable

Temperatures exceeding 120 Deg. F. Strong

Conditions To Avoid:

Sources of ignition.

oxidizing agents. Strong

acids, alkalis.

Hazardous Decomposition Byproducts:

Hydrofluoric and hydrochloric acids.

Incompatibility:

Strong oxidizing agents

Hazardous Polymerization: Will not occur.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled:

Eliminate all sources of ignition. Ventilate area. Wear NIOSH approved self-contained breathing apparatus if TLV is exceeded. Large spills are unlikely due to container size. Soak up with oil absorbent material and place in a closed container for disposal.

Waste Disposal Method:

Dispose of in accordance with all local, state, and Federal regulations. Do not landfill liquid.

Precautions To Be Taken In Handling And Storing:

Use only in well ventilated areas sufficient to maintain vapor concentration below lowest listed TLV.

Avoid breathing of vapors or spray mist. Keep out of reach of children. Do not smoke while using.

Keep container tightly sealed. Toxic vapors!

### SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:

NIOSH approved self-contained breathing apparatus if TLV is exceeded.

Ventilation:

Sufficient to maintain vapor concentrations well below TLV. (20ppm).

Protective Gloves:

Solvent resistant.

Eye Protection:

Chemical splash-proof goggles or other OSHA approved eyewear

Other Protective Clothing and Equipment:

Impervious clothing and boots

### SECTION IX - SPECIAL PRECAUTIONS

Use only in well ventilated areas. Avoid breathing of vapors. Do not use or store around sources of ignition, heat, sparks, or open flames. Do not smoke while using. Keep out of reach of children.

Intentional misuse by concentrating and inhaling contents can be harmful or fatal.

### SECTION X - SUPPLEMENTARY INFORMATION

SARA Title III:

RATING SCALE

0 = Minimal

Tetrachloroethylene CAS# 127-18-4

1 = Slight

Dichloromethane 75-9-2

2 = Moderate

3 = Serious

4 = Severe

HMS Classification:

Health:   2  

Flammability:   1  

Reactivity:   0  

NFPA Classification:

Health:   2  

Reactivity:   0  

Fire:   1  

Special:   NA

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PERIODICALLY USER SHOULD REQUEST NEW MSDS TO ASSURE IT MATCHES  
CURRENT FORMULATION.

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