Material Safety Data Sheet

ATR HI-FLASH

Organic Solvent Degreaser

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2177A Flintstone Drive
Tucker, GA 30084
www.ecolink.com
email: info@ecolink.com
800/886-8240 or
770/621-8240 (9–5 EST)

FOR CHEMICAL EMERGENCY
Call INFOTRAC
800/535-5053 (24 HOURS)

Section I: Product Identification

Product name:	ATR HI-FLASH
Synonym:	Proprietary Blend
Molecular Formula:	Proprietary Blend

The "Plain English" Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK includes this "PLAIN ENGLISH" section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240.

Health Hazards: ATR HI-FLASH is an industrial chemical. We call it "environmentally preferred" because it is intended to replace products that are more hazardous, (1,1,1 trichloroethane, mineral spirits, MEK, etc.). This does not mean that it is completely harmless. It is strong enough to remove tough industrial soils, so it can irritate your skin. We suggest you wear gloves, and avoid extended exposure to unprotected skin. Don't get it in your eyes, or breath large amounts of the vapor, (it will dry out your nasal passages). Used on a rag or from a spray bottle, the product won't produce fumes in any great quantity, (don't spray ATR HI-FLASH under high pressure without adequate ventilation). For more exposure and first aid information, please read through this MSDS.

Flashpoint: ATR HI-Flash's flashpoint is 140° F. This represents the temperature that the liquid must reach before it emits fumes that will ignite. This is pretty hot, so combustion in ordinary use isn't a big concern. If ATR HI-FLASH is used on rags, the rags can ignite if exposed to an open flame because the solvent is "wicked" onto the cloth. Be sure to dispose of rags in an airtight container specifically designed to prevent spontaneous combustion. Don't use ATR HI-FLASH or any other industrial solvent, around welding or hot work area.

Disposal: Because ATR HI-FLASH's flashpoint is 145° F, ATR HI-FLASH is not considered a hazardous wasteproduct, (ignitable). If you spill ATR HI-FLASH, notify the proper environmental or safety department at your company ASAP. Once ATR HI-FLASH is contaminated with whatever you are cleaning, the resulting mixture may fall under an additional hazardous classification, depending on wheather or not the material you are cleaning is hazardous. If you are not sure how to dispose of the used ATR HI-FLASH give us a call and we will help you make the right decision.

Section II: Chemical or Hazardous Components

Chemical Name	Terpene Hydrocarbons
CAS No.	(Mixture) Does not apply
Approx. wt.%	>90%
Exposure	ACGIH-TLV – N/E OSHA-PEL – N/E

This product contains highly refined Terpene Hydrocarbons, which are not considered hazardous or restricted by EPA/RCRA.

RCRA REGULATED:	No
CERCLA (superfund):	N/A
DOT Regulated:	No
DOT Haz. Class:	N/A
DOT Shipping Name:	N/A
DOT Number:	None Listed

ALL MATERIALS IN THIS PRODUCT ARE TSCA LISTED

Note: ATR HI-FLASH is combustible (Flashpoint below 200° F), And should be handled with care around an open flame.

Section III: Physical Data

Appearance & Odor:	Water white liquid with mild odor.
Boiling Point:	378° F. @ 760 mm Hg
Evaporation Rate:	Unknown
Melting Point:	N/A
Solubility In Water:	Emulsifies
Specific Gravity (H2O=1):	0.860
VOC Content	860 gm/l
Vapor Density (AIR=1):	>1
Vapor Pressure (mmHg.):	1.5 @ 25°C

Section IV: Fire and Explosion Hazard Data

Flash Point (Method):

Bulk Liquid (TCC)	145° F

Flammable Limits:

LEL	N/E
UEL	N/E

Extinguishing Media:
Regular foam, water fog, carbon dioxide, dry chemical.

Special Fire Fighting Procedures:
Not considered necessary.

Unusual Fire & Explosion Hazards:
Product may spontaneously ignite on rags or paper. Store contaminated material in airtight container.

Section V: Reactivity Data

Stability: Stable

Conditions to Avoid:
Sources of ignition such as sparks, hot spots, welding, flames and cigarettes. Ignition flash may result if concentration of product is in the flammable range.

Hazardous Decomposition:
May form carbon dioxide and carbon monoxide.

Hazardous Polymerization:
Will not occur.

Section VI: Health Hazard Data

Primary Routes of Exposure:
Oral, inhalation, & skin

Ingestion:
Swallowing large amounts may be harmful by causing gastrointestinal irritation.

Inhalation:
Breathing large amounts may be harmful by causing nose, throat, and respiratory tract irritation.

Eyes:
Irritant. Liquid contact will irritate eyes and may cause stinging, tearing, and redness.

Skin or Contact:
May cause mild irritation of redness and burning.

First Aid:

Ingestion:	Do not induce vomiting. Give water. Call physician immediately.
Inhalation:	Remove to fresh air. If breathing is difficult, give oxygen. Keep person warm and quiet. Seek medical attention.
Eyes:	Irrigate immediately with water for at least 15 minutes. Get medical attention if irritation persists.
Skin:	Wash with soap and water. Thoroughly clean contaminated clothes and shoes before re-use. If symptoms persist, seek medical attention.
Carcinogen:	NTP – Not Listed IARC Monographs – None OSHA REGS – Not Regulated

Section VII: Precautions for Safe Handling

HMIS Information:

Health – 1 /	Reactivity – 0
Flammability – 2	Personal Protection – B

HMIS Definition:
0 – Minimal, 1 – Slight, 2 – Moderate, 3 – Serious, 4 – Extreme
"/" in the Health Category denotes material does not target any major organs.
"*" in the Health Category denotes material may target certain organs.

Eye Protection:
Safety glasses or splash protection required.

Protective Gloves:
Impervious rubber gloves.

Respiratory Protection:
Not required under conditions of normal use. If vapor mist is present use NIOSH certified organic vapor mask.

Ventilation: Local exhaust/hood or fan may be used.

Other Protective Clothing: Not required under normal use.

Work Practices: Use adequate ventilation. Wash hands after use. Store rags used with this material in an air tight, metal container to prevent spontaneous combustion. Use and store only in cool, well ventilated area away from all sources of ignition. Treat this chemical with respect and follow all MSDS instructions.

Section VIII: Control Measures

Small Spill: Absorb liquid on vermiculite, floor absorbent, or other absorbent material and transfer to hood.

Large Spill: Eliminate all ignition sources, (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams, etc. If runoff occurs, notify authorities as required. Pump or vacuum transfer the spilled product to clean containers for recovery. Transfer contaminated, absorbent soil and other materials to containers for disposal.

Waste Disposal Method: ATR HI-FLASH liquid is to be disposed of according to local, state, and federal regulations. Incinerate. Treat as combustible liquid.

Precautions To Be Taken In Handling & Storing: Since empty containers contain product residue, all hazard precautions given in the material safety data sheet must be observed. All metal pails or drums should be grounded and/or bonded when material is transferred. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperatures may result in ignition.

Other Precautions: Read label before use. Avoid excessive contact with fumes or liquid. Keep this and all chemicals out of the reach of children.

Section IX: Part Number and Packaging

Product Name	Part No.	Packaging
ATR HI-FLASH	0117-55	55 Gal Drum
ATR HI-FLASH	0117-5	5 Gal Pail

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END OF MSDS