

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Wet Paint Automotive Polishing Glaze
GENERAL USE: Waterless car wash & protective glaze
PRODUCT DESCRIPTION: Pink, milk-like liquid w/fruit scent

Advanced Techniques, Inc.

MANUFACTURER'S NAME
Advanced Techniques, Inc.

DATE PREPARED : December 13, 2004
SUPERCEDES : MSDS ATI / 01 Rev 13

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ADDRESS (NUMBER, STREET, P. O. BOX)
611 Industrial Park Blvd.

TELEPHONE NUMBER FOR INFORMATION
(218) 685-4549

(CITY, STATE & ZIP CODE) **COUNTRY**
Elbow Lake, Minnesota 56531-4209 USA

EMERGENCY TELEPHONE NUMBER
(218) 685-4549

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	% (by weight)	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M ³	PPM	MG/M ³		
Kerosene	8008-20-6	5 – 10	400	1600				

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Mild liquid; prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Airborne dust from dried product may be generated creating respiratory hazard. Hazard symbols for this product – not classified.

POTENTIAL HEALTH EFFECTS

INHALATION: High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.

SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis.

EYES: High vapor concentration or contact may cause irritation and discomfort.

INGESTION: May result in vomiting; aspiration of vomitus into the lungs must be avoided; DO NOT induce vomiting. Minute amounts aspirated into the lungs can produce severe lung injury, chemical pneumonitis, pulmonary edema or death.

CARCINOGENICITY:

NTP?: No

IARC MONOGRAPHS?: No

OSHA REGULATED?: No

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SECTION 4 – FIRST AID MEASURES

INHALATION: Not a likely problem when properly used with adequate ventilation. If symptoms exist, remove affected person to fresh air; provide oxygen if breathing is difficult. If affected person is not breathing, administer CPR and seek emergency attention.

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse. If irritation persists, seek medical attention.

EYES: Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open. If irritation persists, seek medical attention.

INGESTION: DO NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) : Non-flammable	FLAMMABLE LIMITS	LEL: Not applicable	UEL: Not applicable
	AUTOIGNITION TEMPERATURE : Not determined	NFPA CLASS: None	

GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA: Carbon dioxide; water; water fog; dry chemical; chemical foam.

FIRE FIGHTING PROCEDURES: Keep containers cool with water spray to prevent container rupture due to steam buildup. Floor will become slippery if material is released.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS COMBUSTION PRODUCTS: Smoke; fumes; oxides of carbon

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills – wash to sanitary sewer with plenty of water. Large spills – soak up with approved absorbent. Wash area with plenty of water.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

The use of local exhaust ventilation is recommended. No other special controls are indicated.

PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section 2) are kept below maximum allowable concentrations. If TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910, 134 or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES: Not required for normal use.

EYE PROTECTION: Protective eyeglasses or chemical safety goggles. Refer to 29 CFR 1910.133 or European Standard EN166

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg) : 16.3 mm Hg @ 20°C	VAPOR DENSITY (AIR = 1) : >1
SPECIFIC GRAVITY (WATER =1) : 1.01	EVAPORATION RATE (WATER =1) : <1
SOLUBILITY IN WATER : Disperses	FREEZING POINT : 20° F (-7° C)
pH : 7.5 – 8.0	APPEARANCE AND ODOR : Pink milk-like liquid; fruit scent
BOILING POINT : 217°F (103°C)	PHYSICAL STATE : Liquid
VISCOSITY : Not specified	VOLATILE ORGANIC COMPOUNDS (Total VOC's) : 0.60 lbs./gallon (72 grams/liter) – water included in calculation

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	UNSTABLE : STABLE : XXX	CONDITIONS TO AVOID : Extreme temperatures; avoid long-term freezing
INCOMPATIBILITY (MATERIALS TO AVOID) : Strong oxidizers; strong acids		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS : Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon and silicone, hydrocarbons, fumes, and smoke may be produced.		
HAZARDOUS POLYMERIZATION	MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID : None

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	%	CAS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species and Route)
Kerosene	5 - 10	8008-20-6	5 ml / kg Rat – oral	5 ml / I / 4H Rat -- inhalation

SECTION 12 – ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product, it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Product is classified as non-hazardous; however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to “40 CFR Protection of Environment parts 260-299” for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated DOT HAZARD CLASS / Pack Group: Not regulated REFERENCE: Not applicable UN / NA IDENTIFICATION NUMBER: None LABEL: None required	IATA HAZARD CLASS / Pack Group: Not regulated IMDG HAZARD CLASS: Not regulated RID/ADR Dangerous Goods Code: Not regulated UN TDG Class / Pack Group: Not regulated HAZARD SYMBOLS: None
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NOTE: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 – 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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SECTION 15 – REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

Components of this product are listed on the TSCA Inventory

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories:

None

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensation and Liability Act)

None

CPR (Canadian Controlled Products Regulations)

This product has been in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substance List)

Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases

Not classified

EC Safety Phrases

S2 Keep out of the reach of children.

S24 Avoid contact with skin.

S25 Avoid contact with eyes.

SECTION 16 – OTHER INFORMATION

No specific notes

HMIS HAZARD RATINGS

HEALTH	1	0 = INSIGNIFICANT
FLAMMABILITY	0	1 = SLIGHT
REACTIVITY	0	2 = MODERATE
		3 = HIGH
		4 = EXTREME

PERSONAL PROTECTIVE SUPPLEMENT

B Safety Glasses, Gloves

REVISION SUMMARY

This MSDS has been revised in the following sections: First time use of 16-section format.

MSDS Prepared by: Advanced Techniques, Inc.
611 Industrial Park Blvd.
Elbow Lake, MN 56531-4209
218-685-4549 www.wetpaintglaze.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any question regarding this product should be directed to the manufacturer of the product as described in Section 1.