

WOLSTENHOLME INTERNATIONAL

850 HAWTHORNE LANE
WEST CHICAGO, IL 60185
PHONE: (630) 231-7000
FAX: (630) 231-7623

MATERIAL SAFETY DATA SHEET

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DATE : JULY 1, 2002

PRODUCT-----

NAME: ECONOJET 101 AQUEOUS BASED BLACK DISPERSION
CHEMICAL FAMILY: PIGMENT DISPERSION

I. HAZARDOUS INGREDIENTS-----

CARBON BLACK (1333-86-4) See Occupational Exposure Limits
AMMONIUM HYDROXIDE (1336-21-6) - < 0.7 % See Overexposure Effects
HYDROXYMETHYL AMINO ETHANOL (34375-28-5) - < 0.2 % See Overexposure Effects

II. PHYSICAL DATA-----

	LOW	HIGH	COMMENTS
LBS/GAL	9.8	10.5	
SOLUBILITY IN WATER			INFINITE
pH	9.5	10.5	
VISCOSITY @ STANDARDIZATION	N/A	N/A	
APPEARANCE			
ODOR			Black Liquid Slight Ammonia Odor

III. FIRE AND EXPLOSION HAZARDS-----

EXTINGUISHING MEDIA: WATER SPRAY, FOAM OR DRY CHEMICALS
SPECIAL PROCEDURES: USE SELF CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING.
UNUSUAL HAZARDS: NONE

IV. HEALTH INFORMATION-----

OVEREXPOSURE EFFECTS: THIS PRODUCT CONTAINS THE FOLLOWING INGREDIENTS WHICH CAN HAVE THE FOLLOWING EFFECTS:

MARKETED BY
**HARWICK STANDARD
DISTRIBUTION CORPORATION**
60 S. Seiberling Street • Akron, Ohio 44305

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IV. HEALTH INFORMATION - CONTINUED-----

AMMONIUM HYDROXIDE (1336-21-6) CAUSES SEVERE IRRITATION OF SKIN, EYES AND RESPIRATORY TRACT.

HYDROXYMETHYL AMINO ETHANOL (34375-28-5) LESS THAN 0.2 % - SEVERE EYE IRRITANT.

V. OCCUPATIONAL EXPOSURE LIMITS-----

	PPM	MG/M3
INGREDIENT:		
CARBON BLACK:		3.5
AMMONIUM HYDROXIDE:	25	
HYDROXYMETHYL AMINO ETHANOL:	NONE ESTABLISHED	

VI. EMERGENCY AND FIRST AID PROCEDURES-----

INHALATION: CONSULT A PHYSICIAN IF IRRITATION OF RESPIRATORY PASSAGES OCCURS.

EYE CONTACT: FLUSH WITH WATER-CONSULT WITH A PHYSICIAN IF IRRITATION CONTINUES.

SKIN CONTACT: WASH WITH SOAP AND WATER - CONSULT WITH A PHYSICIAN IF IRRITATION CONTINUES.

VI. EMERGENCY AND FIRST AID PROCEDURES - CONTINUED

INGESTION: GIVE MILK OR WATER TO CONSCIOUS PERSON - CONSULT WITH A PHYSICIAN.

ADDITIONAL MEASURES: NONE

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VII. REACTIVITY DATA-----

CHEMICAL STABILITY: STABLE
HAZARDOUS POLYMERIZATION: CARBON COMPOUNDS MAY BE GENERATED
DURING THERMAL DECOMPOSITION MATERIALS
TO AVOID: STRONG OXIDIZING AGENTS

VIII. SPILL, LEAK AND DISPOSAL PROCEDURES-----

SPILL OR LEAK: MIX WITH INERT ABSORBENT, PLACE IN SUITABLE CONTAINER.
AVOID DISCHARGE IN SEWER OR WATERWAYS.
WASTE DISPOSAL: DISPOSE OF OR INCINERATE IN ACCORDANCE WITH REGULATIONS.

IX. EMPLOYEE PROTECTION-----

RESPIRATORY PROTECTION: EXPOSURES EXCEEDING TLV REQUIRE CHEMICAL
CARTRIDGE RESPIRATOR
CLOTHING: SUITABLE TO AVOID SKIN CONTACT, SAFETY GLASSES,
RUBBER GLOVES
VENTILATION: USE LOCAL EXHAUST OR RESPIRATORY PROTECTION
TO MAINTAIN EMPLOYEE EXPOSURE BELOW THE GEL
OR TLV.

X. SPECIAL PRECAUTIONS-----

THE INGREDIENTS IN THIS PRODUCT ARE NOT LISTED BY OSHA, NTP OR IARC AS A
CARCINOGEN.

CARBON BLACK: IARC GROUP 2B: POSSIBLE CARCINOGEN TO HUMANS.

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XI. OTHER REGULATORY CONTROLS-----

THE FOLLOWING SPECIFIC INFORMATION IS MADE FOR THE PURPOSE OF COMPLYING WITH NUMEROUS FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS AND REGULATIONS.

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY AND CANADIAN DSL (DOMESTIC SUBSTANCE LISTING).

HMIS	HEALTH:	1
	FLAMMABILITY:	0
	REACTIVITY:	0

THESE RATINGS SHOULD ONLY BE USED AS PART OF THE HMIS PROGRAM.

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

KEEP OUT OF SURFACE WATERS, SEWERS, AND WATERWAYS ENTERING OF LEADING TO SURFACE WATERS. NOTIFY AUTHORITIES IF ANY EXPOSURE TO THE GENERAL PUBLIC OR ENVIRONMENT OCCURS OR IS LIKELY TO OCCUR.

NOTICE: THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE AS OF THE EFFECTIVE DATE SHOWN ABOVE. HOWEVER, NO WARRANTY, EXPRESS OR IMPLIED, IS GIVEN. REGULATORY REQUIREMENTS ARE SUBJECT TO CHANGE AND MAY DIFFER FROM ONE LOCATION TO ANOTHER; IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS.