

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT INFORMATION

PRODUCT NAME: AMW-98	PRODUCT CODE: AMW-18/AMW-98	TRADE NAME: Hydrocarbon Mixture
TRANSPORTATION INFORMATION:		HMIS/NFPA
Cleaning Compound Class-55	Health	1
DOT Hazard Class: Not Regulated	Flammability	1
	Reactivity	0

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	Exposure Limits
Petroleum Distillates, hydrotreated [64742-47-8]	300 ppm per 8 hour day
Diethylene Glycol Monobutyl Ether [112-34-5]	Not established
Nonylphenol Ethoxylate [9016-45-9]	Not established

SECTION III - PHYSICAL DATA

BOILING RANGE:	460°F-540°F
VAPOR PRESSURE (mmHg):	Less than .15 mmHG @ 68°F
VAPOR DENSITY: (AIR =1)	>5.0
SPECIFIC GRAVITY:	0.81
EVAPORATION RATE: (n-Butyl Acetate = 1)	< 1
APPEARANCE:	Clear liquid
ODOR:	None

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: FLASH POINT - Higher than 200°F (PMCC)

EXPLOSION LIMITS: (APPROX PERCENT BY VOL IN AIR) LEL: 1.6% UEL: 10.2%

EXTINGUISHING MEDIA: CO₂, foam or dry chemical. Large fires dry chemical or foam.

FIREFIGHTING PROCEDURE: SCBA recommended for firefighters. Use water to keep fire exposed surfaces cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect persons trying to stop a leak.

DECOMPOSITION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products.

SECTION V – REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may generate carbon monoxide, fumes and smoke

CONDITIONS TO AVOID: Strong oxidizing agents.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite, and calcium hypochlorite.

SECTION VI – HEALTH HAZARD & FIRST AID

EYES: May cause irritation.

SKIN: Repeated or extended contact with skin may cause irritation. Skin contact may aggravate and existing skin condition.

INHALATION: High vapor concentrations are irritating to the eyes and the respiratory tract and may cause dizziness, drowsiness, headaches, unconsciousness, anesthesia, and other central nervousness system effects.

INGESTION: Harmful if swallowed. Do not induce vomiting. Contact a physician immediately.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Persons with allergies or pre-existing skin conditions should avoid contact with this product.

EMERGENCY AND FIRST AID PROCEDURE:

EYES: Flush with large amounts of water for 15 minutes or until irritation subsides. Consult physician if irritation persists.

SKIN: Remove source of contact. Wash skin with soap and water. Consult physician if irritation persists.

INGESTION: Do Not induce vomiting. Call physician immediately,

INHALATION: If overcome by vapors, remove victim to fresh air and contact physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off and eliminate all sources of ignition. Collect free product. Add sand, dirt or other suitable absorbent to the area. Ventilate confined area. Minimize skin contact and breathing vapors. Keep out of sewers and waterways. Monitor absorbed material for vapors.

WASTE DISPOSAL METHOD: In accordance with all Federal, State and Local regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Especially in confined or enclosed spaces, use NIOSH approved respirators with cartridges or depending on concentration levels, supplied air equipment.

VENTILATION: Provide adequate mechanical ventilation sufficient to keep exposure limit below recommended exposure limit (300 ppm/8 hour day). No smoking, no use of flame or other ignitable sources.

PROTECTIVE GLOVES: Chemically resistant gloves are recommended. Wear impervious clothing to avoid prolonged skin contact. Full-face shield for eye protection. When required, wear non-skid footwear.

HYGIENIC PRACTICES: Wash thoroughly after handling. Launder contaminated clothing before reuse.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep all containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants. Store in cool, properly ventilated areas. Use only with proper ventilation. Bond and ground all transfer equipment in accordance with the National Fire Protection Association standards for petroleum products. Not recommended for use around heat, sparks, pilot lights, static electricity or open flame.

WARNING: Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity or any source of ignition. Empty drums should be thoroughly drained, properly bunged and sent to a drum reconditioner.

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