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H.M.I.S.  
 HEALTH 2  
 FLAMMABILITY 0  
 REACTIVITY 0  
 These ratings should be used only  
 as part of full implemented  
 H.M.I.S. program.

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - PRODUCT INFORMATION

DATE OF PREPARATION 8/23/06

TRADE NAME..... QW93

PHYSICAL FORM:

MANUFACTURER CODE I.D. / IDH No. 750621 (Formerly a Sovereign Specialty Chemical Inc Product)

SECTION 2 - HAZARDOUS INGREDIENTS/COMPOSITION INFORMATION

INGREDIENT	% BY WGT	CAS NO.	ALLOWABLE EXPOSURE LEVEL		SARA 313	VP mm Hg @ 20 DEG.C	
			PPM MG/CU.M.	SKIN			
N-METHYL-2-PYROLIDONE	10	872-50-4 MFR	200		X	1	
			UFL	2.2			
TRIETHYLAMINE	5	121-44-8	TLV-TWA	1	4	SKIN X	54
			TLV-STEL	3	12	SKIN	
			OSHA-PEL	10	40		
			OSHA-STEL	15	60		
			LFL	1.0	UFL	8.0	

LFL = LOWER FLAMMABILITY LIMIT PERCENT  
 UFL = UPPER FLAMMABILITY LIMIT PERCENT  
 SKIN = SKIN ABSORPTION MUST BE CONSIDERED AS A ROUTE OF EXPOSURE  
 C-CEILING= ALLOW. EXPOSURE LEVEL SHOULD NOT BE EXCEEDED FOR ANY TIME PERIOD  
 MFR = MANUFACTURER RECOMMENDED EXPOSURE LIMIT  
 STEL = SHORT TERM EXPOSURE LIMIT  
 X-SARA 313 = CHEMICAL IS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF S.A.R.A. 40 CFR PART 372

SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF SHORT TERM OVEREXPOSURE

SWALLOWING

Can cause gastrointestinal irritation, nausea, and vomiting. Aspiration of material into lung may cause chemical pneumonitis which can be fatal.

INHALATION

May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.

EYE

May cause eye irritation.

SKIN

May cause defatting and irritation of the skin.

EFFECTS OF REPEATED OVEREXPOSURE

None currently known

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH.

N-Methyl-2-pyrolidone (NMP) administered to pregnant female rats, at a high

### SECTION 3 - HAZARDS IDENTIFICATION (Continued)

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH.  
dose level of 750 mg/kg body weight, caused maternal and fetotoxicity in some animals. In a dermal study NMP was embryotoxic at a very high dose levels, this was attributed to maternal toxicity. In inhalation studies NMP was not maternal or embryo toxic, and did not cause carcinogenic or other life threatening effects in rats at 10 and 100 ppm level over two years.

### SECTION 4 - FIRST-AID MEASURES

#### SWALLOWING

If swallowed call Poison Control Center, Hospital Emergency Room, or Physician immediately.

#### INHALATION

Remove to fresh air immediately. If breathing has stopped, give artificial respiration. Keep warm and quiet. Get medical attention immediately.

#### EYE

Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention immediately.

#### SKIN

Remove contaminated clothing. Wash affected area with soap and water. Obtain medical attention if irritation persists.

#### NOTES TO PHYSICIAN

Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

### SECTION 5 - FIRE-FIGHTING MEASURES

NFPA FLAMMABILITY CLASSIFICATION Not Applicable

FLASHPOINT Not applicable

#### EXTINGUISHING MEDIA

Use NFPA Class B Fire extinguishers (carbon dioxide, all purpose dry chemical or alcohol foam) designed to extinguish flammable liquid fires. Polymer foam is preferred for large fires.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

#### SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear self-contained breathing apparatus. Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

#### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Confine in small area; use absorbent to clean up. Place in container for disposal.

#### WASTE DISPOSAL

Dispose in accordance with federal, state and local regulations.

#### ENVIRONMENTAL HAZARDS

None known

### SECTION 7 - HANDLING AND STORAGE

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not store above 115 deg.F (46 deg.C) store large quantities in compliance with OSHA 29CFR1910.106.

#### OTHER PRECAUTIONS

Do not take internally. Close container after each use. Avoid skin contact. Keep away from children.

**SECTION 7 - HANDLING AND STORAGE (Continued)**

**OTHER PRECAUTIONS**

Empty containers must not be washed and re-used for any purpose.  
Never use pressure to empty. Drum is not a pressure vessel.

**SECTION 8 - EXPOSURE CONTROLS**

**RESPIRATORY PROTECTION**

Proper selection of respiratory protection depends upon many factors including duration and level of exposure and conditions of use. In general exposure to organic chemicals such as those contained in this product may not require the use of respiratory protection if used in well ventilated areas. In areas of restricted ventilation a NIOSH approved organic vapor respirator may be required. Under certain conditions, such as spraying, a mechanical prefilter may also be required. In confined areas or in high exposure situations a NIOSH/MSHA approved air supplied respirator may be required. If the TLV's or PEL's listed in Section II are exceeded use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor. Refer to OSHA 29 CFR 1910.134 "Respiratory Protection", and "Respiratory Protection a Manual and Guideline, American Industrial Hygiene Association".

**VENTILATION**

Provide local exhaust ventilation in sufficient volume and pattern so as to maintain exposures below nuisance dust limits and permissible exposure limits which may be listed in Section II. Refer to Industrial Ventilation - A Manual for Recommended Practice - American Conference Of Governmental Industrial Hygienists.

**HAND PROTECTION**

Wear appropriate impermeable gloves (North- Silver Shield).

**EYE PROTECTION**

Wear safety glasses meeting the specifications of ANSI Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Z87.1 should be worn whenever there is a possibility of splashing or other contact with the eyes.

**OTHER PROTECTIVE EQUIPMENT**

Eyewash facility, safety shower.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING RANGE** Not applicable

**VAPOR DENSITY** Heavier than air.    **% VOLATILE BY VOLUME** 72

**EVAPORATION RATE**    **VOC** 2.66 lb/gal less water & NPRS\*    **319 g/l less water**    **CALCULATED**  
Slower than diethyl ether.

**WEIGHT LB./GAL.** 8.8    **VOC** 4.09 lb/gal solids    **491 g/l solids**    **CALCULATED**  
**SPECIFIC GRAVITY** 1.1

All Physical data determined at 68 DEG. F. (20 DEG. C.) 760 mm Hg

\* Negligibly Photochemically Reactive Materials

**SECTION 10 - STABILITY AND REACTIVITY**

**STABILITY**

Normally stable.

**CONDITIONS TO AVOID**

None known

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Acids & Anhydrides

**HAZARDOUS DECOMPOSITION PRODUCTS**

Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide. In addition, oxides of nitrogen, may be generated.

**SECTION 10 - STABILITY AND REACTIVITY (Continued)**

HAZARDOUS POLYMERIZATION  
Will not occur  
CONDITIONS TO AVOID  
None known

**SECTION 11 - TOXICOLOGICAL INFORMATION**

No information available.

**SECTION 12 - ECOLOGICAL INFORMATION**

No information available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

See Section 6.

**SECTION 14 - TRANSPORT INFORMATION**

ITEM: / IDH No. 750621

DESC/SIZE: QW93

MODE	PROPER SHIPPING NAME	CLASS	I.D.#	PKG	GRP
IATA (AIR)	NON-REGULATED MATERIAL				
DOT (HM-181) (DOMESTIC SURFACE)	RESIN COMPOUND, NOT REGULATED				
IMDG CODE (OCEAN)	NON-REGULATED MATERIAL				

NOTE! The assignment of Proper Shipping Names is in part a function of the size of the product container and the transport mode. For example, the Proper Shipping Name for a bulk container can differ significantly from the Proper Shipping Name for the same product packaged in a non-bulk container. This can also be true for products shipped via different modes of transportation (i.e. ground, air, ocean). The descriptions provided above are intended to provide some guidance. However, these descriptions may not apply to your package size or mode of shipment. The U.S. Code of Federal Regulations, 49 CFR - Transportation, regulations, and the policies established by some transporters, require that the shipper properly classify and assign a Proper Shipping Name, and label, mark and package the material properly. Therefore, the user of this information is cautioned to consult with applicable regulations, and with qualified advisors prior to the repackaging and or reshipment of this or other any product which contain this product.

**SECTION 15 - REGULATORY INFORMATION**

All ingredients in this product are listed on the US TSCA Inventory.  
All ingredients in this product are listed on the Canadian Domestic Substance List.

WARNING: This product contains  
N-METHYL-2-PYROL- IDONE;  
a chemical known to the State of California to cause birth defects or other reproductive harm.

INGREDIENT	CAS NO.	DETAIL INVENTORY LIST INFORMATION
N-METHYL-2-PYROL- IDONE	872-50-4	TSCA(4) DSL
TRIETHYLAMINE	121-44-8	TSCA(8d)

## SECTION 15 - REGULATORY INFORMATION (Continued)

INGREDIENT	CAS NO.	DETAIL INVENTORY LIST INFORMATION
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DSL

DETAIL INVENTORY LIST DESCRIPTION

TSCA/Toxic Substances Control Act

(4)Test Rules

(8d)Health and Safety Reporting Rules

DSL/Canadian Domestic Substance List

## SECTION 16 - OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

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