



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Aqua check 280
Chemical names, common names: Complex hydrocarbon based solution
Manufacturer's Name: HURST CHEMICAL COMPANY
Address: 2500 San Fernando Road, Los Angeles, CA 90065
DOT CLASSIFICATION: Aqua Check, Ink Vehicle (Not Regulated)
For Product Information, call : (323) 223-4121
FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Number	Exposure Limits in Air	
		ACGIH (TWA)	OSHA (PEL)
Vegetable Oil	N/A	N/A	N/A

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

Listed Ingredients	CAS Number	Weight % Range
NONE	NONE	NONE

III. PHYSICAL PROPERTIES

Vapor density (air = 1): n/a
Solubility in water: <1%
Evaporation rate (Bu Ac = 1): <1
Appearance and odor: Amber oily liquid with pleasant oil odor.
Photochemical Reactivity Rule-102: Non Photochemically Reactive
Volatile Organic Content (VOC,EPA Method 24): 4 gm/l or 0.03 lb/gal

Specific Gravity: 1.00
Density lb/gal: 8.4
VOC Composite Partial Pressure, mm Hg at 20°C: <1
Boiling Range °F: n/a

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS	Health Hazard=1	0=Least	4=Extreme
HAZARD	Flammability=1	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other = 0	3 = High	

Flash Point °F: 350 PMCC
Autoignition temperature, °F: n/a

Fire extinguishing materials: N/A water spray Yes carbon dioxide Yes foam
Yes dry chemical Yes other

Special firefighting procedures: Solvent vapors exposed to open flames can become combustible under certain conditions, then use foam, dry chemical or CO2 to extinguish. Self-contained breathing apparatus recommended for fire fighters.

Unusual fire and explosion hazards: Dense smoke may be generated when burning. Closed containers may experience pressure-build up due to heat exposure. Water spray may be used to cool unruptured containers.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Possible irritation of nose and throat, dizziness and nausea.
Contact with skin or eyes: Irritation of eyes and skin possible.
Swallowed: Can cause gastrointestinal irritation, nausea and vomiting.

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of eyes, skin and mucous membranes.

Chronic: No data available.

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes immediately with water for 15 minutes.

Skin contact: Wash promptly with soap and water.

Inhaled: Remove from exposure to fresh air, apply artificial respiration if necessary. Seek medical attention.

Swallowed: Seek medical advice. DO NOT give counter agents or induce vomiting.

SUSPECTED CANCER AGENT - This product contains no ingredients which are listed in the Federal OSHA, NTP, IARC, OR Cal-OSHA lists of suspected carcinogenic chemicals.

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Strong oxidizers such as liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite..etc.

Hazardous decomposition products (including combustion products): Carbon dioxide and carbon monoxide gases.

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Eliminate ignition sources. Contain spills for salvage or disposal.

Minimize dilution water to control spill volume. Avoid run-off into sewers and ditches.

Preparing wastes for disposal: Consult federal, state, and local regulations controlling proper disposal of hydrocarbon based liquid materials.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Normal shop ventilation is adequate. Floor level ventilation is preferred.

Respiratory Protection: In working atmosphere where mist is prevalent, use NIOSH-approved air-purifying respirator with mist filter.

Eye Protection: Use safety goggles where solvent splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with rubber gloves.

Clothing and equipment: It is suggested that a source for clean water be available in the work area for flushing eyes & skin. Impervious clothing should be worn as needed.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice.

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910.

HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.

This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

Prepared By: A. O. KORKIN, Ph.D.