

# MATERIAL SAFETY DATA SHEET

## SECTION I - COMPANY AND PRODUCT INFORMATION

EPA REG. NO..... N/A  
Product SKU Number:..... 024  
Manufacturer's Name:..... KIK Pool Additives Inc.  
Emergency Telephone No.:..... (909) 390-9912  
..... (800) 424-9300 (CHEMTREC)  
Street Address:..... 5160 E. Airport Drive  
City/State/Zip code:..... Ontario, CA 91761  
Chemical Name and Synonyms:... Iso Cyanuric Acid  
Trade Name and Synonyms:..... **Kem Tek Pool & Spa Care Stabilizer Conditioner**  
Chemical Family:..... Organic  
CAS #..... 108-80-5  
Formula:..... C<sub>3</sub>H<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
DOT Proper Shipping Name:..... Not Regulated  
DOT ID Number:..... Not Regulated  
DOT Hazard Class:..... Not Regulated  
Package Group:..... Not Regulated  
NFPA Rating: Health:1 Flammability:0 Reactivity:0 Special:

## SECTION II - HAZARDOUS INGREDIENTS

Iso Cyanuric Acid .....99% CAS #.....108-80-5

## SECTION III - PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O)=1):..... 2.5 ODOR:..... Odorless  
pH (in 1% solution)..... 3.8-4.0 APPEARANCE: White granules or powder  
MOLECULAR WEIGHT:..... 129.08 BOILING POINT:..... N/A  
MELTING POINT: Sublimes at 320-330°C BULK DENSITY:..... 0.79-0.85 g/cc  
SOLUBILITY IN WATER:0.27g/100ml@25°C

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT..... Non-combustible  
FLAMMABLE LIMITS..... N/A  
EXTINGUISHING MEDIA..... Use water, carbon dioxide, dry chemical.  
SPECIAL FIRE FIGHTING PROCEDURES:.... Self-contained breathing apparatus  
with full face-piece and protective clothing.  
UNUSUAL FIRE AND EXPLOSION HAZARDS:... N/A

## SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES: IRRITANT TO EYES AND RESPIRATORY SYSTEM.

**IF IN EYES:** Hold eyelids open and flush promptly with copious stream of water for 20 minutes. If irritation persists, get medical attention.

**IF INHALED:** Remove victim to fresh air. Get medical attention if breathing difficulty is present.

**IF SWALLOWED:** Rinse mouth with water. Give 1 to 2 glasses of water. Get immediate medical help.

**IF ON SKIN:** Remove contaminated clothing. Wash with plenty of soap and water. Wash clothes before re-use. Get medical attention if irritation persists.

## **SECTION VI - REACTIVITY DATA**

**STABILITY:** This Product is stable under normal conditions of storage, shipment and/or use. May be unstable at temperatures Above: 330°C (626°F)

**INCOMPATIBILITY:** (Materials to avoid): Contact with Oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS:....** Carbon monoxide, carbon dioxide. Oxides of nitrogen, and cyanic acid.

**HAZARDOUS POLYMERIZATION:.....** WILL NOT OCCUR

**CONDITIONS TO AVOID:** Temperatures above 330°C (626°F)

## **SECTION VII - ACCIDENTIAL RELEASE PROCEDURES**

**STEPS TO BE TAKEN IN CASE OF MATERIAL RELEASED OR SPILLED:...** Sweep up into A DRY, CLEAN CONTAINER. Rinse small amounts to sewage using plenty of water.

**WASTE DISPOSAL METHOD:...** Dispose of in compliance with all federal, state and local laws and regulations.

## **SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** (Specify type)... None required when handling small quantities. For dusty conditions use approved dust mask or NIOSH/OSHA full-face respirator.

**VENTILATION:** ..... Use local exhaust as necessary, especially under dusty conditions.

**PROTECTIVE GLOVES:.....** Rubber, Neoprene gloves

**EYE PROTECTION:.....** Chemical Safety goggles or glasses.

## **SECTION IX - HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:...** Keep product in tightly closed container when not in use. Store in cool, dry, well-ventilated area away from heat and open flame. In case of decomposition, isolate container in open area, if possible, and flood with large amounts of water. **OTHER PRECAUTIONS:...** Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Revised: 09-03-2012