

# SAFETY DATA SHEET



MSDS No.: ZIPCOOL-F  
Cleaning & Lubricating Fluid

DATE: 05/1/2015  
REASON: New Requirements

## **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: ZippyCool Fluid  
Product Description: Zipper Cleaning & Lubricating Fluid

MANUFACTURER: YKK (USA) Inc.  
3340 Chestney Road  
Macon, GA 31217  
(478) 745-7911

## **2. HAZARDS IDENTIFICATION**

### POTENTIAL HEALTH EFFECTS

EYES: Liquid and mists will irritate and may burn the eyes.

SKIN: No irritation is likely after brief contact; however, may be irritating after prolonged contact.

INGESTION: Swallowing large quantities may cause nausea and vomiting.

INHALATION: Inhalation risks for this product are considered to be minimal.

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Components</u>	<u>CAS#</u>	<u>Wt %</u>
Water	7732-18-5	80 – 100
DMDM Hydantoin	6446-58-0	<1
Propylene Glycol	57-55-6	1 - 5
Sodium Hydroxyethyl Cellulose	9004-62-0	<1
Sodium Citrate	68-04-2	<1
Complex Organic Phosphate Ester	68130-47-2	<1

## **4. FIRST AID MEASURES**

EYES: Flush with large amounts of water for at least 15 minutes while holding eyelids open. Get medical attention.

SKIN: In case of contact, flush skin with plenty of water for at least 15 minutes.

Remove contaminated clothing and shoes. Launder contaminated clothing before re-use.

INGESTION: Consult a physician or poison control center immediately. Treat symptomatically.

## **5. FIRE FIGHTING MEASURES**

Flash Point & Method:	None
Upper & Lower Explosive Limits:	N/A
Auto Ignition Temperature:	N/A
Extinguishing Media:	Foam, CO <sub>2</sub> or dry chemical.
FIREFIGHTING PROCEDURES:	Firefighters should wear full-face self-contained breathing apparatus and full protective clothing.
EXPLOSION HAZARDS:	None.

## **6. ACCIDENTAL RELEASE MEASURES**

SMALL SPILL:	Dilute with water, mop or wipe up to contain.
LARGE SPILL:	Contain by creating dike with absorbent material. Keep material out of sewers, storm drains, surface waters and soil.

## **7. HANDLING AND STORAGE**

HANDLING:	Do not use pressure to empty container. Keep container tightly closed when not in use.
STORAGE:	Store in a dry, well ventilated place away from incompatible materials. Store at temperatures above the solution's freezing point to remain liquid.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS: General room ventilation is adequate.

### PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or chemical splash goggles. While using this product, the wearing of contact lenses is not recommended.

SKIN: Where gross skin contact may occur, use and wear appropriate clothing, rubber boots with pants on the outside, and rubber gloves. Launder contaminated clothing before re-use. Wash thoroughly after use.

RESPIRATORY: Protection not normally required when used per directions.  
In the absence of adequate ventilation an approved respirator may be required.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid, semi-viscous
Color:	Translucent
Odor:	Faint, sweet odor

pH:	11
Vapor Pressure:	N/A
Vapor Density (Air = 1):	<1
Boiling Point:	100±°C 212±°F
Specific Gravity (H <sub>2</sub> O = 1):	1.0
Solubility in water:	Soluble

## **10. STABILITY AND REACTIVITY**

STABLE:	Yes
HAZARDOUS POLYMERIZATION:	No
HAZARDOUS DECOMPOSITION:	May liberate CO, CO <sub>2</sub> , and oxides of sulfur.
INCOMPATIBLE MATERIALS:	Avoid strong oxidizers.

## **11. TOXICOLOGICAL INFORMATION**

EYE EFFECTS:	May cause irritation or burning.
SKIN EFFECTS:	May cause skin irritation after prolonged contact.

## **12. ECOLOGICAL INFORMATION**

COMMENTS: Ecological testing has not been conducted on this product.

## **13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Dispose of contaminated product and material used in cleaning up spills or leaks in a manner approved for this material.  
Dispose of in accordance with local, state and national legislation.

## **14. TRANSPORT INFORMATION**

DOT (DEPARTMENT OF TRANSPORTATION)

Hot Hazard:	No
Combustible Hot Drum:	No
Combustible Class:	No
Hazard Class:	None
NA/UN Number:	None
Packing Group:	None
Reportable Quantity (RQ) Under CERCLA:	N/A
U.S. Surface Freight Class:	85
Bulk Freight Class:	N/A
Marine Pollutant #1 & #2:	N/A

## **15. REGULATORY INFORMATION**

### **UNITED STATES**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 Hazard Categories:

Fire: No

Pressure Generating: No

Reactivity: No

Acute: No

Chronic: No

Material is not found on any list of known carcinogens such as NTP, IARC, or by OSHA, nor does it contain any carcinogens found on these lists.

## **16. OTHER INFORMATION**

### **MANUFACTURER DISCLAIMER:**

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