

## **PT. DWI PRIMA REJEKI- MATERIAL SAFETY DATA SHEET**

### **HAND SANITIZER – Hospital Grade (Produced for ITS Chemical Alumni Entrepreneurs Association)**

#### **SECTION 1 - PRODUCT IDENTIFICATION**

Product Name : HAND SANITIZER  
Description : Alcohol – based hand sanitizer with hydrogen peroxide  
Form : Liquid  
Color : Clear colorless  
Packaging : Gallon  
Date of MSDS : March 02, 2020

#### **SECTION 2 - HAZARDOUS INGREDIENTS**

Chemical Name : Ethyl alcohol 96 % : 70 % overall  
: Hydrogen Peroxide : 0.125 % overall  
: Glycerin

#### **SECTION 3 - PHYSICAL DATA**

Appearance & Odor : Clear liquid, non perfume  
Boiling point : < 100 C  
Vapor Pressure : NA  
Solubility in water : NA  
pH :  $6.2 \pm 0.5$   
Density :  $0.95 \pm 0.05$  g/ml  
Viscosity :  $\pm 300$  second  
Vapour density : Not determined

#### **SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash point (T.C.C.) : None known  
Extinguishing Media : Not applicable  
Special Fire Fighting Procedure: Extinguish with water spray or carbon dioxide,  
dry chemical powder or appropriate foam  
Normal fire fighting procedure may be used  
Unusual Fire/Explosion Hazards: None known

#### **SECTION 5 - REACTIVITY DATA**

Stability : Stable  
Incompatibility (materials to avoid): Strong oxidizing agent  
Hazardous Decomposition Product: Burning can produce carbon dioxide and  
carbon monoxide

#### **SECTION 6 - HEALTH HAZARD DATA**

Primary Routes of Exposure : Eyes and ingestion  
Symptoms of Over-Exposure  
1. Acute exposure : May cause eye irritation  
2. Chronic exposure : No effect anticipated

## **SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

- Eyes : Flush immediately with plenty of water for at least 15 minutes  
And consult a physician immediately
- Skin : No emergency care anticipated. Should user show sensitivity to  
this product, treat symptomatically
- Ingestion : No emergency care anticipated. Treat symptomatically
- Inhalation : No emergency care anticipated.

## **SECTION 8 - SPECIAL PROTECTION INFORMATION**

- Respiratory protection : Normally not required
- Ventilation requirements : Normal ventilation sufficient
- Eye Protection : Not required
- Hand Protection : Not applicable
- Other Protective Clothing : None required

## **SECTION 9 - SPILL OR LEAKAGE PROCEDURES**

- Steps to be taken : Stop spill at source. Prevent run off. Mop, shovel, pump  
and/or absorb with inert material and place in sound  
containers. Rinse remaining residue with excess water.
- Material disposal : Dispose off in an approved waste facility according to  
local regulation.

## **SECTION 10 - STORAGE AND HANDLING INFORMATION**

- Precautions to be taken in handling and storage : Keep container closed to  
prevent contamination. Store away from direct heat and  
do not allow product to freeze
- Other Precautions : Do not cut or weld empty containers.  
KEEP OUT OF REACH OF CHILDREN!
- Steps to be taken in case material is released or spilled : in case of spillage,  
absorb on mineral clay absorbent material.
- Waste Disposal Methods: Dispose of in accordance with federal, state, and local  
regulation.
- Stop spill at source. Prevent run off. Mop, shovel, pump  
and/or absorb with inert material and place in sound