

# MATERIAL SAFETY DATA SHEET ( M S D S )

Required Under Rule 73 – M of Maharashtra Factories Rules – 1963

Product : - “SAFE & CLEAN” Industrial Hand Cleaning Gel

SELECTION – II HAZARDOUS INGREDIENTS OF MATERIAL		
Hazardous Ingredients	( 1 ) ( 2 )	Preservative Orange Terpens
Appromimate Concentration %	( 1 ) ( 2 )	0.40% < 5 %
C. A. S.OR UN Number	( 1 ) ( 2 )	50-00-0 68647-72-3
L.D. 50 (Specify Species & Route)		Non Toxic At These Concentration Levels

SECTION – III- PHYSICAL DATA FOR MATERIAL	
Density (9 / Ml)	0.94
Specific Gravity	0.94 Approx
Boiling Point °C	10 °C
PH	7 – 8
Odour & Apperance	Coloured Gel with Citrus Odour
Solubility in Water	Completely Soluble
Physical State ( Solid Gas or Liquid)	Gel
Vapour Pressure (MM)	Not Applicable
Vapour Density (Air – 1)	Not Applicable
Evapouration Rate	Not Applicable
Co-efficeint of Water / Oil Distribution	Not Applicable
Odour Thershold ( P.P.M. )	Not Known
Freezing Point °C	0 °C

SECTION –IV- FIRE & EXPLOSION HAZARDOUS OF MATERIALS	
Flammability	No
If Flammability is there Under What Conditions ?	N.A.
Special Procedures	None
Flash Point (OC ) and Method	None
Upper Explosive Limit ( % By Volume )	None
Lower Explosive Limit ( % By Volume )	None
Auto – Ignition Temp °C	None
TDG Flammability	Not Applicable
Hazardous Combustion Products	None
Explosion Data – Sensitivity to Chemical Impact	None
Sensiticity To Static Discharge	None

SECTION - V – REACTIVITY DATA	
Chemical Stability	Yes
If No, Under What Conditions	N.A.
Incompatibility with other substances	N.A.
If yes which ones	-
Reactivity and under what condition	NIL
Hazardous Decomposition	NIL
Material Name & Identifier	N.A.

<b>SECTION – VI – TOXICOLOGICAL PROPERTIES OF MATERIALS</b>		
	Skin Contact	
	Skin Absorption	
Route of entry	Eye Contact	
	Inhalation ( Acute )	
	Ingestion	
Effects of Acute Exposure to Material	None	
Effects of Chronic Exposure to Material	Explosure Limits	Irritancy Of Materials
	None	May cause Irritation If Splashed in the Eye
Sensitization to Material	None	
Carconogenicity	None	
Reproductive Effects	None	
Teratofenicity	None	
Mutagenicity	None	
Synergistic Material	None	

<b>SECTION – VII – PREVENTIVE MEASURERS</b>	
Personal Protective Equipments	None
Gloves ( Specify )	None
Respiratory ( Specify )	None
Eye Protection ( Specify )	None
Footwear ( Specify )	None
Clothing	None
Other	None
Engineering Controls ( Ventilation Etc. ) Specify	None
Leak & Spill Procedures	Wash To Drain
Waste Disposals	No Special Precautions
Handling Precedures & Equipments	No Special Precautions
Storage Requirements	Not to be stored below $-5^{\circ}\text{C}$
Special Shipping Information	None

<b>SECTION – VIII – FIRST – AID MEASURES</b>	
First Aid Measures	Wash Splashes from Eyes with Clean Water
Sources used	
Additional Information	

<b>SECTION – IX – DATE OF PREPARATION OF MATERIAL DATA SHEET</b>	
Preparation By ( Group Dept. Etc )	
Phone No. & Date	

\* NOTES : C.A.S. OR UN NUMBER – CHEMICAL Abstract Services or United Nations ( UN )

LD.50 Lethal Dosa –50% ( LD 50 – Specify & Route )

LC.50 – Lethal Concentration – 50 % ( LC5 – Specify and route )

TDG Flammability – Transport of Dangerous Goods Flammability Classifications by United Nations.