

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	RUSTLICK 631
Manufacturer/Supplier	ITW Chemin, ITW INDIA LIMITED
Address	Plot No: 34 to 37, Phase- 2, IDA, APIIC, Pashamylaram, Medak, Dist- 502307, (35 kms from Hyderabad), Andhra Pradesh, <b>INDIA</b>
Phone Number	+91 8455 224700/224701
Fax Number	+91 8455 224705
E-mail	<a href="mailto:chemininfo@itwchemin.com">chemininfo@itwchemin.com</a>
Website	<a href="http://www.itwchemin.com">www.itwchemin.com</a>

## 2. COMPOSITION/INFORMATION ON THE COMPONENTS

### Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration	Exposure Limits	R-Phrases
Naptha (PETROLEUM) , HYDROTREATED HEAVY	64742-48-9	40-60%	TWA: 1200 mg/m3	R10,R65&R66
D-limonene	5989-27-5	5-10%	None Established	R10,R66
Carbon dioxide (Propellant in 540ml Aerosols)	124-38-9	3-7%	PEL :5000ppm	
Liquified Petroleum Gas (Propellant in 370ml & 100ml Aerosols)	Mixture	25-35%	TWA-1000ppm	

## 3. HAZARD IDENTIFICATION

Main Hazards	Flammable ,Spraying near a ignition source will ignite spray mist
Health Effects - Eyes	Irritant, not likely to cause permanent damage.
Health Effects - Skin	Mild to severe skin irritant, Prolonged contact can cause redness, swelling and cracking of skin.
Health Effects - Ingestion	Swallowing may have the following effects:- irritation of mouth, throat and digestive tract. Nausea.
Health Effects - Inhalation	Little, if any, effects caused by inhalation of the vapors from this product. In high concentrations, Head ache, Giddiness, Mental confusion, Nausea and irritation of upper respiratory passages.

## 4. FIRST AID MEASURES

First Aid - Eyes	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin with soap and water. Apply a reconditioning skin cream.
First Aid - Ingestion	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
First Aid - Inhalation	Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing , give artificial respiration .Call for prompt medical attention.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	This product may give rise to hazardous fumes in a fire.

<b>Protective Equipment for Fire-Fighting</b>	Wear self contained breathing apparatus.
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### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid eye contact. Eliminate all ignition sources. Ventilate area.
<b>Environmental Precautions</b>	Try to prevent the material from entering drains or water courses.
<b>Spillages</b>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Prevent entry into sewers and water ways.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from heat, sparks and Flame. Keep containers tightly closed.
<b>Storage</b>	Store in well – ventilated area and in accordance with local regulations regarding flammable liquid.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Control Measures</b>	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<b>Respiratory Protection</b>	Respiratory protection not normally required. If operating conditions create air borne Concentrations that are exceeding the exposure standards, the use of an approved Respirator is recommended.
<b>Hand Protection</b>	Avoid contact with skin or clothing. Wearing impervious protective clothing including gloves can minimize skin contact. Protective clothing made from neoprene, nitrile or n- butyl rubber is suitable in these applications.
<b>Eye Protection</b>	Avoid eye contact. Chemical safety goggles if there is a risk of eye contact.
<b>Body Protection</b>	Normal work wear.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid.
<b>Color</b>	Amber.
<b>Odor</b>	Pleasant.
<b>Vapor Density &amp; vapor pressure</b>	> 1 and < 1 respectively.
<b>Rate of evaporation</b>	< 1 ( Bu Ac = 1)
<b>Boiling Range/Point (°C)</b>	Boils above 100. ( 190 – 230 C)
<b>Flash Point (PMCC) (°C)</b>	Exceeds 38.
<b>Solubility in Water (kg/m3)</b>	Not Miscible.
<b>Density (kg/m3)</b>	0.79 (measured as kg/liter)
<b>Auto-flammability (°C)</b>	Above 150.
<b>Viscosity (CSt)</b>	Mobile liquid at ambient temperatures. ( 2-4 CST @37.8C)

### 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	High temperatures.
<b>Materials to Avoid</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, aldehydes and ketones may be formed.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Low order of acute toxicity. Expected Oral LD50 > 2000mg/Kg body weight.
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### 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems, and all bodies of water.
<b>Persistence/Degradability</b>	The product is expected to be partially or slowly biodegradable.

### 13. DISPOSAL

<b>Product Disposal</b>	Place contaminated materials in disposable containers and. Dispose of in accordance with all applicable local and national regulations.
<b>Container Disposal</b>	Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers.

### 14. TRANSPORTATION

<b>Proper Shipping Name</b>	Aerosols
<b>Hazard Class</b>	2.1
<b>Identification Number</b>	UN 1950

### 14. OTHER INFORMATION

<b>MSDS first issued</b>	07 Feb 2002
<b>MSDS data last revised, Ref no.</b>	11.08.2009 supersedes 20,January,2006 ; <b>RP/012</b>
<b>Product Use</b>	For industrial use only. <b>RUST PREVENTIVE IN AEROSOL FORM .</b>

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