

CLEANING THINNERS PRODUCT INFORMATION AND MATERIAL SAFETY DATA SHEET

DESCRIPTION AND GENERAL USE

A low cost lacquer thinner used primarily as a cleaner for spray guns and other spraying equipment. This product does not contain oil or oil based solvents.

PACKAGING

Cleaning Thinners is available in 200 litre steel drums

OTHER PHYSICAL PROPERTIES

PHYSICAL CHARACTERISTICS	TYPICAL	TEST METHOD
Density @ 20 °C, kg/l	0.816	ASTM D1298
Colour, Saybolt	+30	ASTM D156
Flash point °C (T C C)	<10	ASTM D56
Distillation Range °C		
I.B.P.	47	
D.P.	160	
Solvent Type, % v/v		GC
Active	15,7	
Latent	12,3	
Diluent	72,0	

Trade / Commercial Name Chemical formula Chemical family Un No ERG No Hazchem Code EAC	Cleaning Thinners Formulated chemical Hydrocarbon solvent and alcohols 1268 153 2x 60
Hazardous Components	Hydrocarbon Solvents and Alcohols

HEALTH HAZARD INFORMATION

Emergency overview: clear liquid corrosive to skin and mucous membranes

Medical conditions aggravated by exposure: dermatitis, existing respiratory disease and existing liver and kidney disease.

Causes	Symptoms	Emergency and first aid procedures
<i>Inhalation</i> (Breathing)	High vapour concentrations may be irritating to the eyes, nose and respiratory tract. May cause headaches, dizziness and nausea. Use with adequate ventilation. Repeated inhalation may cause lung damage.	If patient is overcome, remove to fresh air and call a physician, administer artificial respiration if breathing is irregular or has stopped. Note: do not use mouth to mouth. Use a pocket mask with a one way valve.
<i>Skin Contact / Absorption</i>	May cause skin irritation and/or dermatitis.	Remove and isolate contaminated clothing and shoes. Avoid spreading material on unaffected skin. Wash well with soap and water. Keep warm and quiet.

<i>Eye Contact</i>	Contact will cause irritation and/or burns.	Flush thoroughly with water for at least 15 minutes, within 1 minute of contact. Hold eyelids open while washing. In severe cases, obtain medical attention.
<i>Ingestion (Swallow)</i>	May cause pulmonary damage or chemical pneumonitis, if aspirated into the lungs.	Do not induce vomiting. Seek medical assistance. Administer vegetable oil.
<i>Carcinogenicity</i>	NTP – not listed IARC – not listed OSHA – not listed	
<i>Acute overexposure</i>	If present in high concentrations, vapours cause moderate irritation of eyes, skin and respiratory systems. Dizziness, nausea and loss of consciousness.	

FIRE FIGHTING MEASURES

Carbon dioxide, foam, dry chemical and water fog

Materials must be labeled as FLAMMABLE.

Fire involving Tanks or Bulk containers: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Do not get water inside containers. ALWAYS stay away from the ends of tanks.

Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.

Isolate spill or leak area immediately for at least 25 to 50 metres (80 to 160) feet in all directions.

Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate enclosed areas.

Wear positive pressure self-contained breathing apparatus (SCBA).

Wear chemical protective clothing, which is specifically recommended by the manufacturer.

Structural firefighters' protective clothing is recommended for fire situations ONLY; it is not effective in spill situations.

If ROAD OR RAIL TANKER is involved in a fire, ISOLATE for 800 metres (1/2 mile) in all directions, also, consider initial evacuation for 800 metres (1/2 mile) in all directions.

HANDLING AND STORAGE

Store between 0 and 28 degrees celcius. Keep out of direct sunlight.

Empty containers may retain hazardous residue and explosive vapours.

Keep away from heat, sparks and flame.

Do not cut, puncture, or weld on or near this container.
Follow label warnings until container is thoroughly cleaned or destroyed.

ACCIDENTAL RELEASE MEASURES

PRECAUTIONS

Absorb with fire retardant treated sawdust, diatomaceous earth etc. Shovel up and dispose at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

Restrict access to area.

Provide adequate protective equipment and ventilation.

Remove sources of heat and flame.

Notify occupational and environmental authorities.

SPILL OR LEAK

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Stop leak if you can do it without risk.

Prevent entry into waterways, sewers, basements or confined areas.

Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

DO NOT GET WATER INSIDE CONTAINERS.

EXPOSURE CONTROLS / PERSONAL PROTECTION:

Occupational Exposure Limits Controls

NO EXPOSURE LIMITS ESTABLISHED

The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Use a non-sparking, ground ventilation system separate from other exhaust ventilation systems. Exhaust directly to the outside. Supply sufficient replacement air to make up for air removed. Have a safety shower/eye wash fountain readily available in the immediate work area.

Personal Protection

If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, imperious gloves, coveralls & respiratory protection.

Have appropriate equipment available for use in emergencies.

PHYSICAL & CHEMICAL PROPERTIES

Clear liquid.

Specific gravity (20°C)	0.816
Solubility in water	Not soluble
Flash point °C (TCC)	<10
Solvent type, %	Active 15.7
	Latent 12.3
	Diluent 72.0

STABILITY AND REACTIVITY

Conditions to Avoid	Stable but corrosive
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TOXICOLOGICAL INFORMATION

TOXIC : inhalation, ingestion, or skin contact with material may cause severe injury or death.
Contact with molten substance may cause severe burns to skin and eyes.
Effects of contact or inhalation may be delayed.

ECOLOGICAL INFORMATION

No ecological problems are expected when the product is handled and used with due care.

DISPOSAL CONSIDERATIONS

<u>Disposal Method Product</u>	Disposal in accordance with local legal provisions. Disposal recommendations apply to the original material and its container and not to any materials which are a waste by-product of the user's operation. Chemical residues generally count as special waste.
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The disposal of the latter is regulated through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

TRANSPORT INFORMATION

<u>UN No</u>	1268	<u>Hazchem Code</u>	2x
<u>ERG No</u>	153	<u>EAC</u>	60
<u>IMDG Code</u>	8	<u>IMDG-Packaging Group</u>	11/111
<u>Marine Pollutant</u>	Yes		
<u>Class</u>	Class:8 Corrosive Group: III		
<u>Subsidiary Risks</u>	None		
<u>Tremcard Number</u>	****		

REGULATORY INFORMATION

<u>Risk Phrases</u>	Causes severe burns
<u>Safety Phrases</u>	Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

OTHER INFORMATION

Reason for Alteration: New Product

Manufacturers Note:

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