

B AND R PRODUCTS (PTY) LTD

Supreme Paint Suppliers (Pty) Ltd

Reg. No. 80/09849/07

Manufacturers and Distributors of Top Quality Paints and Solvents

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CLEANING THINNERS PRODUCT INFORMATION AND MATERIAL SAFETY DATA SHEET

DESCRIPTION AND GENERAL USE

A low cost thinner blend used for cleaning steel

PACKAGING

Cleaning Thinners is available in 5, 25 and 200 litre drums

PROPERTIES	UNITS	TYPICAL VALUES
Boiling Point – 760mm HG	Deg. Celsius	65 – 90°C
Melting Point (pour pt)	Deg. Celsius	Less than –40°C
Vapour pressure (at 40°C)		2 – 400 mm
Vapour density (Air = 1)		2
Distillation Range (IBP°C)		10 = 65 20 = 70 50 = 95 90 = 135 FBP = 150
Density at 20°C	Kg/l	0,7905
Residue on evaporation (100ml)	Mg/kg	Less than 0,01
Flash point	Deg. Celsius	Less than -5°C
Colour	Saybolt	+30
Contents	-	60 -70% Alcohols and 30 – 40% Aromatics

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

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

Pictogram



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 Dilvent 72.0

STABILITY AND REACTIVITY

Conditions to Avoid Stable but corrosive

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

Disposal Method Product

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.

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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