



**SAFETY DATA SHEET
GALVASTOP**

MSDS No 0001

Date 2004-12-12

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product Name **GALVASTOP**
Part No
Supplier **PTL PRODUCTS
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WILGEHEUWEL**

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	Risk
Methyl Ethyl Ketone	1344-09-8	11 / 35 / 36 / 37

3. HAZARDS IDENTIFICATION

Harmful if swallowed.
Eye, skin and respiratory irritant.

4. FIRST AID MEASURES

General	Immediately remove any clothing soiled by the product.
Inhalation	Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. Rinse out mouth and drink plenty of water. Get immediate medical attention. Get affected person to drink large volumes of water to dilute the swallowed chemical and induce vomiting.
Skin	Remove affected person away from source of contamination. Promptly wash contaminated skin with lots of cold water. Immediately remove clothing if soaked through and wash as above. Get medical attention if irritation develops.
Eyes	Promptly wash the eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Extinguishing Media **CO₂, extinguishing foam.** Contact with moisture or water may generate sufficient heat to ignite combustible material

Special Fire fighting Procedures:

The by-products of combustion may be hazardous to health with emissions of smoke and toxic fumes. Fire fighters should wear BA sets especially in confined spaces. Evolves into CO₂, Hydrocarbons, Nitrogen compounds and hydrogen cyanide.

Unusual Fire & Explosion Hazards:

Overheated containers may explode. Keep sealed containers cool as the head space will fill with volatile gasses and may explode on release under the right conditions.

Other information:

The vapours are heavier than air and travel along the ground and into pits and drains.

6. ACCIDENTAL RELEASE MEASURES

Spill Cleanup methods:

Contain spillage and neutralize with a suitable acid if land disposal is contemplated. Scoop up residue into an approved container. Avoid dusting. If residue is damp or wet, soak up with inert absorbent. Notification of the National Response Center may be required. Refer to EPA, DOT and applicable state and local regulations for current response information.

It is recommended that each user establish a spill prevention, control and countermeasure plan (SPCC). Such plan should include procedures applicable to proper storage, control and clean up spills, including re-use or disposal as appropriate.

7. HANDLING AND STORAGE

EPA waste #	Non regulated
DOT Classification	Corrosive material (solid)
Usage Precautions	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level.
Storage Precautions	Keep out of direct sunlight and in a well-ventilated area. Do not store with oxidizers and keep away from all sources of ignition. Keep containers tightly shut.
Storage Criteria	Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients	TLV	PEL
Methyl Ethyl Ketone		
Ventilation	Provide adequate general and local exhaust ventilation.	
Respirators	Where 50% of the TLV is exceeded provide a half or full face mask respirator with a combitox filter. Ensure that the user is capable of sustained use of the respirator.	
Protective Gloves	Chemical resistant gloves made of rubber, neoprene or PVC.	
Eye Protection	Use approved safety goggles or face shield.	
Other Protection	Provide eye-wash and quick-drench. Wear appropriate clothing to prevent any possibility of prolonged skin contact. Use engineering controls to reduce air contamination to permissible levels. Warn cleaning staff of chemical's hazardous properties.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Thick Liquid.
Colour	Red paste.
Odour / taste	Aromatic.
Solubility Description	26% @ 20°C.
Flash Point	-6°C
% Volatile by vol.	± 72%
pH value	N/a
Melting point	N/a
Boiling point	78.3 – 81.1°C
Vapour Density	0.700 – 1.000
Vapour Pressure	73mmHg @ 20°C
Autoignition temperature	upper 515°C

10. STABILITY AND REACTIVITY

Stability

Inherently stable.

Materials to avoid

Heat, moisture, Oxidizers and alkaline

Hazardous Decomposition products:

Corrosive gases and smoke formed in fire situations, reacts with aluminium to form flammable hydrogen gas..

Polymerization:

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute:

Inhalation: Irritation of nasal passages, dizziness weakness, fatigue, nausea, headaches and possible unconsciousness.
Skin: Moderate irritation with defatting which could develop into dermatitis.
Eyes: Severe irritation with stinging and redness with blurred vision.
Ingestion: Gastrointestinal irritation, nausea, vomiting, diarrhea.

Routes of Entry:

Inhalation. Ingestion. Skin and/or eye contact.

Target Organs:

Kidneys, lings and brains.

12. ECOLOGICAL INFORMATION

Effect on the Environment

ALL chemicals should at ALL times be considered detrimental environmentally until reliable proof to the contrary is established beyond doubt. The foregoing paragraphs contain warnings that this chemical may not be discharged into water courses or sources and the described corrosive effects on humans must also be detrimental to wild life and water/marine life and Eco-systems.

13. DISPOSAL CONSIDERATIONS

Product

Store as solid waste until disposed of at a Class 1 waste site.
Do not resell, empty drums, dispose of as hazardous waste.

14. TRANSPORT INFORMATION

Shipping name: Adhesives

Freight description: Flammable Liquid

Hazardous Classification – primary: 3.1/3.2/3.3
Secondary: P3

UN Number: 1193

Hazardous Class: SABS 0229, Classified group 3.1/3.2/3.3, Group II Method 9.3

Labels required: Flammable Liquid

Hazardous Substance required: None

Road transport ADR/RID (cross-border)

UN Number: 1193

ADR Item number:

Marginal:

Hazchem Code:

CEFIC TEC(R)number:

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA class:

Pack Grade:

Air Sub Class:

15. REGULATORY INFORMATION

Label for Supply



Risk Phrases	R-11	Highly flammable.
	R-35	Causes severe burns.
	R-36	Irritating to eyes.
	R-37	Irritating to respiratory system
	R-38	Irritating to skin.
Safety Phrases	S-16	Keep away from sources of ignition.
	S-23	Do Not breathe gas / fumes / vapour / spray.
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-29	Do not empty into drains.
	S-33	Take precautionary measures against static discharges.

16. OTHER INFORMATION

Information Sources	Croner's Emergency Spillage Guide Croner's Emergency First Aid Guide
UK Regulatory References	Health and Safety at Work Act 1974 Control of Substances Hazardous to Health Regulations 1988 Chemicals (Hazard Information and Packaging) Regulations 1993

SARA HAZARD CATEGORIES

Immediate (acute) health hazard	Yes.
Delayed (chronic) health hazard	No.
Fire hazard	Yes
Reactivity hazard	Yes.
Sudden release of pressure	No.

SARA SECTION 313 NOTIFICATION.

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as at the date of issue. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.