

Flamm. Limit

UEL

Solubility in Water Insoluble

Other Properties

Autoignition Temp. 515.00 °C (MEK)

Evaporation Rate 3.70 (MEK)

Vapour Density 2.40/20° C (MEK)

Ingredients

Ingredients	Name	CAS	Proportion
	Cyclohexanone	108-94-1	30-60 %
	Methyl Ethyl Ketone (MEK)	78-93-3	10-30 %
	Non-hazardous trade secret components		To 100 %

HEALTH HAZARD INFORMATION**Health Effects**

Acute - Swallowed	May be harmful if swallowed.
Acute - Eye	Liquid may cause corneal damage and vapour may irritate.
Acute - Skin	Contact with skin may result in irritation.
Acute - Inhaled	Inhalation of high MEK vapour concentrations can cause eye, nose and throat irritation, coughing and shortness of breath, headache, drowsiness, dizziness and, if exposure prolonged, unconsciousness. The effect may be increased in the presence of alcohol vapours.
Chronic	Repeated or prolonged skin contact can cause irritation and may lead to dermatitis.

First Aid

Swallowed	If swallowed, do NOT induce vomiting. Give patient a glass of water to drink and seek medical advice. Do NOT give anything to drink to an unconscious person.
Eye	Immediately flush with large amounts of water for at least 15 minutes. Seek medical attention.
Skin	Remove contaminated clothing and footwear. Wash affected area with plenty of soap and water. If irritation occurs seek medical attention.

Inhaled Remove patient from contaminated area. Apply artificial respiration if necessary. Seek medical advice.

Advice to Doctor

Advice to Doctor Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits No exposure standard is available for the material as such. Exposure standards for the hazardous components are as follows (NOHSC-1995):
 Methyl Ethyl Ketone: TWA: 150ppm (445mg/m³), STEL: 300ppm (890mg/m³),
 Cyclohexanone: TWA: 25ppm (100mg/m³) - skin,
 TWA is the time weighted average concentration of the work atmosphere over a normal 8-hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect.
 A 'skin' notation indicates that this substance will also be readily absorbed through the skin, which may be by airborne material or direct contact. The TWA is obviously invalidated if such contact should occur.
 These TWAs are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as is practically possible.
 These TWAs should not be used as fine lines between safe and dangerous concentrations.
 The STEL (Short Term Exposure Limit) is the airborne concentration of a substance averaged over a 15 minute period. These exposure limits are not to be exceeded at any time during a normal eight hour working day.

Eng. Controls Use only with adequate ventilation. Ventilation should ensure exposure is kept as low as practicable or at least below the recommended exposure standards. If mechanical ventilation is required it must be suitable for use with flammable material.

Personal Protection

Protective Equip. Avoid contact with skin and eyes and avoid breathing vapours. The following personal protective equipment is recommended: Respiratory protection, such as organic vapour cartridge mask or air supplied system, if ventilation inadequate or working in

confined areas.
Solvent resistant gloves, such as neoprene rubber, should be worn in order to avoid skin contact.
Safety goggles if risk of eye contact exists.

Flammability

Fire Hazards Highly flammable.

SAFE HANDLING INFORMATION

Storage and Transport

Storage and Transport Store in cool, dry conditions away from oxidising agents and sources of ignition. Keep containers closed when not in use. Classified as a Class 3 (Highly Flammable) material according to the, 'Australian Code for the Transport of Dangerous Goods by Road and Rail', therefore should be stored and transported according to the relevant regulations in each state.

Proper Shipping Name ADHESIVES

EPG Number 3A1

IERG Number 14

Packaging Method 5.9.3#

Spills and Disposal

Spills & Disposal Shut off all possible ignition sources. Clean-up personnel to wear appropriate personal protective equipment. Major spillages should be immediately confined using earth, sand or other inert, non-combustible material (not saw dust). Prevent run-off into drains and waterways. Prevent spreading of flammable vapours. Collect impregnated absorbent into clearly labelled containers for disposal as per statutory regulations.

Fire/Explosion Hazard

Fire/Explos. Hazard Highly flammable material. Keep containers sealed when not in use. Store and use in a well ventilated area. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Hazardous decomposition products on burning: oxides of carbon, hydrogen

chloride, smoke and other toxic fumes.
 Fire-fighting personnel to wear self contained breathing apparatus and protective clothing.
 Extinguishing media: Foam, dry chemical, carbon dioxide.
 Incompatible with strong oxidising agents and acids.

Hazardous Reaction

Hazchem Code 3[Y]E

OTHER INFORMATION

Environ. Protection This material may be hazardous to the environment. Avoid contaminating drains and water-ways.

Risk Statement R10 Flammable.
 R20 Harmful by inhalation.
 R36/37 Irritating to eyes and respiratory system.

Safety Statement S9 Keep container in a well ventilated place.
 S16 Keep away from sources of ignition - No smoking.
 S25 Avoid contact with eyes.
 S33 Take precautionary measures against static discharges.

Pkg. & Labelling Classified as Scheduled Poison (S5), Class 3 flammable liquid, UN No. 1133 and hazardous substance (harmful, irritant) therefore should be packed and labelled according to the relevant regulations.

Hazard Category Harmful, Irritant

Manufacturers Advice REASON FOR UPDATE: General revision
 SUPERSEDES: Issue dated 5 th December, 1997

Technical Data Refer Product Information Bulletin

Other Information N/A None Assigned
 NOHSC - National Occupational Health & Safety Commission (Worksafe Aust.)

CONTACT POINT

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...End Of MSDS...