

MATERIAL SAFETY DATA SHEET

PRODUCT: PARTWELL ULTRA KRAZI GLUE ACTIVATOR
REF: AD0011
DATE OF ISSUE:
SUPPLIER: Partwell Cutting Technology Specialists
Bridge Works, Stanley Street, Blackburn, Lancs. BB1 3BW
Tel: 01254 671875 Fax: 01254 674823

COMPOSITION

Substance		% Weight	CAS. No.	EC No.
Alipatic hydrocarbons	F: R11; Xn: R65	>95	64742-49-0	265-151-9
Containing n-hexane)	(F: R11 R62 Xn: R65, 48/20 Xi: R38 R67 N:R51/53)	(<3)	(110-54-3)	(203-777-6)
Aromatic amrine	T: R23/24/25 R33 R52/52	<1	Proprietary	Proprietary

HAZARD IDENTIFICATION

HIGHLY FLAMMABLE

HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED

Keep out of reach of children

Keep container in well ventilated place

Keep away from sources of ignition – NO SMOKING

Do not breath vapor/spray

Avoid contact with skin

If swallowed, do not induce vomiting;- seek medical advice immediately and show this container or label

If the activator is sprayed;- use only in well ventilated areas

FIRST AID MEASURES

INHALATION Remove to fresh air and rest. If not breathing, give artificial respiration. If recovery is not rapid call for prompt medical attention

SKIN AND EYE CONTACT

SKIN: Remove contaminated clothing wash skin with soap/cleanser and rise with plenty of water. If irritation persists obtain medical attention

EYE: Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to the other. If there is discomfort get prompt medical attention

INGESTION: Do not induce vomiting. Beware of aspiration if vomiting occurs. Give nothing by mouth. Seek medical attention immediately

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHINGS: Alcohol resistant foam Dry powder Carbon dioxide

UNSUITABLE EXTINGUISHERS: Direct water jets

HAZARDOUS DECOMPOSITION: Possible risk of explosion. Toxic fumes are produced in fire – CO and CO₂

SPECIAL PROCEDURES: Do not breathe decomposition products and fumes

Use approved self-contained breathing apparatus
Wear fire retardant clothing
Use water spray to cool containers
Prevent runoff from fire control and entering waterways
Large fires should only be dealt with by trained personnel

ACCIDENTAL RELEASE MEASURES

EXPOSURE CONTROLS: Remove all sources of ignition. Ventilate area.
Evacuate all personnel. Use barriers to prevent unauthorized entry into contaminated areas.
Do not allow spills or water runoff to enter drains and watercourses.

PERSONNEL PRECAUTIONS: Wear suitable respiratory protection for large spillages and in confined spaces, e.g. EN405 FFA2 or EN140 A2.

Wear rubber gloves
Wear chemical resistant overalls and boots
Use eye protection such as goggles to BS EN 166 Chemical grade

DISPOSAL CONSIDERATIONS: Absorb inert material such as sand or absorbent granules. Scoop up and place in accordance with local regulations.

HANDLING AND STORAGE

HANDLING: Avoid skin and eye contact. Do not breathe vapor – ensure adequate ventilation and/or use local extraction.
Wear gloves, eye protection. Wear suitable protective clothing if handling large quantities.
Ensure water for eye washing is available. Wash hands after use.
Keep away from sources of ignition. Beware of distant ignition. Beware of static discharges.

STORAGE: Store in tightly closed labeled containers. Store away from ignition sources. Store in a cool, dry, well-ventilated place out of direct sunlight.

EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT: OES for aliphatic hydrocarbons is 250ppm (1000mg/m³) 8hr TWA (UK solvent industry association)

Wear rubber gloves. After skin contact wash with plenty of water.
Wear suitable eye protection such as BS EN 166
Use in well ventilated areas. Use mechanical ventilation if airborne level is above OES. If excessive inhalation in a poorly ventilated area is likely then use a respirator with filter type A.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, almost colourless to pale yellow liquid
Odour	Light, paraffinic
pH	n/e
Boiling point/range	60-90°C
Melting point/range	n/e
Flammability	highly flammable
Auto flammability	>400°C
Explosive properties	LEL 1.0%; UEL 7.3%
Oxidizing properties	none
Vapour pressure	~19kPa at 20°C

Relative density	0.70	
Solubility in water	insoluble. Soluble in most organic compounds	
Vapour density	n/e	
Viscosity	n/e	
n-Octanol/water partition coefficient (log POW)	~4	
EVAPORATION RATE (nBuAc = 1)	7.6	(n/e = not established)

STABILITY & REACTIVITY

Stable at normal temperatures

Conditions to avoid: sources of ignition, high temperature, direct sunlight

Materials to avoid: strong oxidizing agents

TOXICOLOGICAL INFORMATION

Oral expected to be low toxicity LD50 >2,000mg/kg

Inhalation low toxicity, LC50>5g/l

Skin expected to be low toxicity LD50>2,000mg/kg

Acute effects ingestion – Nausea, narcosis.

Inhalation – mild irritation of nose and throat. Nausea. Narcosis at high concentration

Skin – mild irritation. Products can be absorbed through the skin, which can lead to prolonged narcosis. Prolonged or repeated contact can cause skin drying or cracking

Eyes – not expected to cause irritation

Repeated over exposure may cause damage to CNS

ECOLOGICAL INFORMATION

Ecotoxicity Fish – slightly toxic, $10 < LC/EC/IC50 \leq 100 \text{mg/l}$

Invertebrates – toxic, $1 < LC/EC/IC50 \leq 10 \text{mg/l}$

Algae - slightly toxic, $10 < LC/EC/IC50 / EC/IC50 \leq 10 \text{mg/l}$

Bioaccumulative potential has the potential to be bioaccumulate

Persistence readily biodegradable. Oxidizes rapidly by photo-chemical reactions in air.

Integrated environmental half-life expected to be <10 days

Mobility insoluble in water – floats on surface. Product is volatile and so will partition to the air phase.

DISPOSAL CONSIDERATIONS

Do not discharge into drains or watercourses

Beware of vapors remaining in 'empty' containers that may ignite

Dispose through properly licensed contractors under national and local legislation

Dispose of in accordance with the Special Waste Regulations 1996

TRANSPORT INFORMATION

UN No. 1268

IMO Class 3 Packing Group II

IATA/ICAO Class 3 Packing Group II

ADR/RID Class 3 Item 3^b

HazChem Code 3YE/33 Transport Name (UK Road) Petroleum Distillates

REGULATORY INFORMATION



RISK & SAFETY:

R11	HIGHLY FLAMMABLE
R65	HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED
S2	keep out of reach of children
S9	keep in a well ventilated area
S16	keep away from sources of ignition
S23	do not breathe vapor/spray
S24	avoid contact with skin
S62	if swallowed, do not induce vomiting:- seek medical advice immediately and show this container or label

(If the applicator is sprayed:- S51 use only in well-ventilated areas)

OTHER REGULATIONS

Health & Safety at Work etc Act 1974

Control of Substance Hazardous to Health Regulations 1994

Environmental Protection Act 1990

Special Waste Regulations 1996

This safety data sheet is complied with reference to The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (CHIP2), which implement the Council Directive 61/548/EEC (The Dangerous Substances Directive) and 88/379/EEC (The Dangerous Preparations Directive), and subsequent amending regulations, up to and including the Chemicals (Hazard Information and Packaging for Supply) Regulations 2000 (CHIP2000), which implements the 26th ATP of 67/548/EEC.