

# SAFETY DATA SHEET



## INSTAGLAZE

ACTICHEM PTY LTD

Catalogue number: AP425

Version No: 2.3

Date of issue: 17/05/2022

Safety Data Sheet according to WHS and ADG requirements

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### Product Identifier

Product name	INSTAGLAZE
Product code	AP425
Pack sizes	1L, 5L & 15L

#### Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	High gloss floor polymer
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#### Details of the manufacturer/importer

Registered company name	ACTICHEM PTY LTD
Address	11 Gamma Close, Beresfield 2322 NSW Australia
Telephone	(02) 4966 5516
Website	www.actichem.com.au
Email	info@actichem.com.au

#### Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 11 26
Other emergency telephone numbers	Not Available

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Not Applicable
GHS Classification	Skin Sensitisation Category 1, Toxic to Reproduction Category 1B <i>Classification drawn from HCIS and ECHA C&amp;L Inventory.</i>

#### Label elements

Hazard pictograms	
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Signal word	<b>DANGER</b>
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#### Hazard statement(s)

P317	May cause an allergic skin reaction
P360Df	May damage fertility or the unborn child.

#### Precautionary statement(s) Prevention

P261	Avoid breathing vapours
P280	Wear protective gloves.
P201	Obtain special instructions before use.
P202	Do not handle until all safety instructions have been read and understood
P281	Use personal protective equipment as required
P273	Avoid release to the environment

**Precautionary statement(s) Response**

P302+P352+P333+P313	IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs, get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P308+P313	IF exposed or concerned: Get medical advice / attention

**Precautionary statement(s) Storage**

P405	Store locked up
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**Precautionary statement(s) Disposal**

P501	Dispose of product and packaging in accordance with local government regulations.
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**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS****Substances**

See section below for composition of Mixtures

**Mixtures**

CAS No	%[weight]	Name
84-74-2	<10	<u>dibutyl phthalate</u>
9010-77-9	30-60	<u>ethylene/ acrylic acid copolymer</u>
78-51-3	<10	<u>tributoxy ethyl phosphate</u>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

**SECTION 4 FIRST AID MEASURES****Description of first aid measures**

<b>Eye Contact</b>	If this product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin Contact</b>	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation or rash.
<b>Inhalation</b>	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
<b>Ingestion</b>	Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Indication of any immediate medical attention and special treatment needed.**

Treat symptomatically.

**SECTION 5 FIREFIGHTING MEASURES****Extinguishing media**

<b>Extinguishing media</b>	Water spray or fog. Foam. Dry chemical powder. BCF (where regulations permit). Carbon dioxide.
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**Special hazards arising from the substrate or mixture**

<b>Fire incompatibilities</b>	None known
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**Advice for fire fighters****Advice for firefighters**

<b>Fire fighting</b>	Product is not flammable. Alert Fire Brigade and tell them location and nature of hazard Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Use water delivered as a fine spray to control fire and cool adjacent area. Avoid spraying water onto liquid pools. <b>DO NOT</b> approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
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<b>Fire/Explosion Hazard</b>	<p>Combustible.</p> <p>Slight fire hazard when exposed to heat or flame.</p> <p>Heating may cause expansion or decomposition leading to violent rupture of containers.</p> <p>May emit acrid smoke.</p> <p>Mists containing combustible materials may be explosive.</p> <p>Combustion products include carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO) and other pyrolysis products typical of burning organic material</p> <p>May emit corrosive fumes.</p>
<b>HAZCHEM</b>	Not applicable

**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Minor Spills</b>	<p>Attend to spill immediately.</p> <p>Flush away with copious amounts of water.</p>
<b>Major Spills</b>	<p>Moderate hazard.</p> <p>Prevent, by any means available, spillage from entering drains or water course.</p> <p>Increase ventilation.</p> <p>Stop leak if safe to do so.</p> <p>Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations.</p> <p>Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.</p>
<b>PPE</b>	Personal protective equipment advice is contained in Section 8.

**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling**

<b>Safe handling</b>	<p><b>DO NOT allow clothing wet with material to stay in contact with skin</b></p> <p>Avoid all personal contact, including inhalation.</p> <p>Wear protective clothing when risk of exposure occurs.</p> <p>Use in a well-ventilated area but avoid drafts carrying dust.</p> <p><b>When handling DO NOT eat, drink or smoke.</b></p> <p>Keep containers securely sealed when not in use.</p> <p>Avoid physical damage to containers.</p>
<b>Other information</b>	<p>Store in original containers.</p> <p>Keep containers securely sealed.</p> <p>No smoking, naked lights or ignition sources.</p> <p>Store in a cool, dry, well-ventilated area.</p> <p>Store away from incompatible materials and foodstuff containers.</p> <p>Protect containers against physical damage and check regularly for leaks.</p> <p>Observe manufacturer's storage and handling recommendations contained within this SDS.</p>

**Conditions for safe storage, including any incompatibilities.**

<b>Suitable container</b>	<p>Polyethylene or polypropylene container.</p> <p>Packaging as recommended by manufacturer.</p> <p>Check all containers are clearly labelled and free from leaks.</p>
<b>Storage incompatibility</b>	<p>May react with strong acids, strong oxidisers, permanganates and nitrates.</p> <p>Attacks some forms of plastics.</p> <p>Avoid reaction with oxidising agents</p>

**PACKAGE MATERIAL INCOMPATIBILITIES**

Not Available

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****OCCUPATIONAL EXPOSURE LIMITS (OEL)****INGREDIENT DATA**



Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	dibutyl phthalate	Dibutyl phthalate	5 mg/m <sup>3</sup>	Not Available	Not Available	Not Available

**EMERGENCY LIMITS**

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
dibutyl phthalate	Dibutyl phthalate	15 mg/m <sup>3</sup>	31 mg/m <sup>3</sup>	9300 mg/m <sup>3</sup>
tris(2-butoxyethyl)phosphate	Butoxyethanol phosphate, 2-	9 mg/m <sup>3</sup>	99 mg/m <sup>3</sup>	590 mg/m <sup>3</sup>

Ingredient	Original IDLH	Revised IDLH
dibutyl phthalate	4000 mg/m <sup>3</sup>	Not Available
tris(2-butoxyethyl) phosphate	Not Available	Not Available

**Exposure controls**

<b>Appropriate engineering controls</b>	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate If ventilation is poor, then the use of a local exhaust ventilation system is recommended. Avoid strong drafts after the dressing has been spread as these can cause dust to settle on the wet dressing.
<b>Personal protection</b>	 
<b>Eye and face protection</b>	If splashing is likely it is recommended that safety glasses with side shields should be worn.
<b>Skin protection</b>	See Hand protection below
<b>Hands/feet protection</b>	Wear chemical protective gloves, e.g. PVC.
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	Wear overall.
<b>Thermal hazards</b>	Not Available

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Appearance</b>	Opaque white liquid		
<b>Physical state</b>	Liquid	<b>Relative density (Water = 1)</b>	Not Available
<b>Odour</b>	Mild	<b>Molecular weight</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	8.5	<b>Decomposition Temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Flash point (°C)</b>	Not Available	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not flammable	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower Explosive Limit (%)</b>	Not Available	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Not Available	<b>Gas group</b>	Not Available
<b>Solubility in water (g/L)</b>	Miscible	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available

**SECTION 10 STABILITY AND REACTIVITY**

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

**SECTION 11 TOXICOLOGICAL INFORMATION****Information on toxicological effects**

<b>Inhaled</b>	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
<b>Ingestion</b>	Accidental ingestion of the material may be damaging to the health of the individual.
<b>Skin Contact</b>	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition.
<b>Eye</b>	This material can cause eye irritation and damage in some persons.
<b>Chronic</b>	No relevant data.

### Toxicological effects of ingredients

<b>dibutyl phthalate</b>	Acute toxicity	Oral LD50 (rat): 6300 mg/kg Dermal LD50 (rabbit): >4000 mg/kg Inhalation LC50 (rat): >15 mg/L/4h
	Skin corrosion/irritation	Non-irritant (rabbit).
	Eye damage/irritation	Non-irritant (rabbit).
	Respiratory/skin sensitization	not sensitising
	Germ cell mutagenicity	no adverse effect observed (negative)
	Carcinogenicity	Not listed as carcinogenic according to the International Agency for Research on Cancer (IARC).
	Reproductive toxicity	May damage fertility or the unborn child.
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data
<b>tributoxy ethyl phosphate</b>	Acute toxicity	Oral LD50 (rat) 3000 mg/kg
	Skin corrosion/irritation	Draize Test, Rabbit Skin: 500mg/24hr Mild May be harmful if absorbed through skin. Causes skin irritation.
	Eye damage/irritation	Draize Test, Rabbit, Eye: 500mg/24hr Mild Causes eye irritation.
	Respiratory/skin sensitization	No available data
	Germ cell mutagenicity	No available data
	Carcinogenicity	Not listed as a carcinogen
	Reproductive toxicity	No available data
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data
<b>ethylene/ acrylic acid copolymer</b>	Acute toxicity	Oral LD50 (rat) >5000 mg/kg Dermal LD50 (rabbit) >5000 mg/kg
	Skin corrosion/irritation	May cause transient irritation
	Eye damage/irritation	May cause slight eye irritation
	Respiratory/skin sensitization	Skin contact may cause an allergic skin reaction
	Germ cell mutagenicity	No relative data available
	Carcinogenicity	No relative data available
	Reproductive toxicity	No relative data available
	STOT (single exposure)	Evaluation of available data suggests that this material is not an STOT-SE toxicant
	STOT (repeated exposure)	No relative data available
	Aspiration toxicity	Based on physical properties, not likely to be an aspiration hazard.

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

	Endpoint	Duration (Hr.)	Species	Value
<b>Tributoxy ethyl phosphate</b>	LC50	96	Pimephales promelas (fathead minnow)	11.2 mg/L
<b>dibutyl phthalate</b>	LC50	96	Fish	ca.0.48mg/L
	EC50	48	Crustacea	>0.003mg/L
	EC50	96	Algae or other aquatic plants	0.4mg/L
	BCF	936	Not Available	23.625-mg/L
	EC10	48	Crustacea	>0.003mg/L
	NOEC	1488	Not Available	-0.00053-0.00175mg/L

Highly toxic to fish on an acute basis  
**DO NOT discharge into sewer or waterways.**

### Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
dibutyl phthalate	LOW (Half-life = 23 days)	LOW (Half-life = 3.08 days)

### Bio accumulative potential

Ingredient	Bioaccumulation
dibutyl phthalate	LOW (BCF = 176)

### Mobility in soil

Ingredient	Mobility
dibutyl phthalate	LOW (KOC = 1460)

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Product / packaging disposal</b>	Recycle packaging wherever possible. Dispose of residual product and packaging in accordance with local government regulations
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**SECTION 14 TRANSPORT INFORMATION****Labels Required**

<b>Marine Pollutant</b>	NO
<b>HAZCHEM</b>	Not Applicable

Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

**SECTION 15 REGULATORY INFORMATION****Safety, health and environmental regulations / legislation specific for the substance or mixture****TRIS(2-BUTOXYETHYL)PHOSPHATE IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
Australian Inventory of Industrial Chemicals (AIIC)  
Chemical Footprint Project - Chemicals of High Concern List

**DIBUTYL PHTHALATE IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
Australian Inventory of Industrial Chemicals (AIIC)  
Chemical Footprint Project - Chemicals of High Concern List

**ETHYLENE/ ACRYLIC ACID COPOLYMER IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Australian Inventory of Industrial Chemicals (AIIC)

**SECTION 16 OTHER INFORMATION****Revision Schedule**

<b>Revision Date</b>	17/05/2022
<b>Initial Date</b>	08/12/2016

**SDS Version Summary**

Version	Issue Date	Sections Updated
2.1	23/02/2021	Sections 2, 3, 11, 12, 15, 16 have been updated or corrected
2.2	02/07/2021	Section 16
2.3	17/05/2022	Section 2

**Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, AICIS and HCIS Australia

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**Definitions and abbreviations**

PC-TWA;	Permissible Concentration-Time Weighted Average
PC-STEL;	Permissible Concentration-Short Term Exposure Limit
IARC;	International Agency for Research on Cancer
ACGIH;	American Conference of Government Industrial Hygienists
STEL;	Short Term Exposure Limit
TEEL;	Temporary Emergency Exposure Limit
IDLH;	Immediate Danger to Life or Health Concentrations
OSF;	Odour Safety Factor
NOAEL;	No Observed Effects Level
TLV;	Threshold Limit Value
LOD;	Limit Of Detection
OTV;	Odour Threshold Value
BCF;	Bio Concentration Factors
BEI;	Biological Exposure Index

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**End of SDS**