

SAFETY DATA SHEET



INSTAGLAZE

APPLIED PRODUCTS AUSTRALIA PTY LTD

Catalogue number: AP425

Version No: 2.1

Date of issue: 23/2/2021

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	APPLIED PRODUCTS AUSTRALIA 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 1126
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&L Inventory.</i>

Label elements

Hazard pictograms	
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Signal word	DANGER
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Hazard statement(s)

P317	May cause an allergic skin reaction
P361Df	Suspected of damaging 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>
Not Available	<10	<u>Proprietary emulsion</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**

Eye Contact	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.
Skin Contact	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.
Inhalation	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Ingestion	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**

Extinguishing media	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

Fire incompatibilities	None known
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Advice for fire fighters**Advice for firefighters**

Fire fighting	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. DO NOT 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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Fire/Explosion Hazard	<p>Combustible. Slight fire hazard when exposed to heat or flame. Heating may cause expansion or decomposition leading to violent rupture of containers. May emit acid smoke. Mists containing combustible materials may be explosive. Combustion products include carbon dioxide (CO₂), carbon monoxide (CO) and other pyrolysis products typical of burning organic material May emit corrosive fumes.</p>
HAZCHEM	Not applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities.

Suitable container	<p>Polyethylene or polypropylene container. Packaging as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.</p>
Storage incompatibility	<p>May react with strong acids, strong oxidisers, permanganates and nitrates. Attacks some forms of plastics. 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 ³	Not Available	Not Available	Not Available

EMERGENCY LIMITS

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

Ingredient	Original IDLH	Revised IDLH
dibutyl phthalate	4000 mg/m ³	Not Available
tris(2-butoxyethyl) phosphate	Not Available	Not Available
ethylene/ acrylic acid copolymer	Not Available	Not Available
Proprietary emulsion	Not Available	Not Available

Exposure controls

Appropriate engineering controls	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.
Personal protection	 
Eye and face protection	If splashing is likely it is recommended that safety glasses with side shields should be worn.
Skin protection	See Hand protection below
Hands/feet protection	Wear chemical protective gloves, e.g. PVC.
Body protection	See Other protection below
Other protection	Wear overall.
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

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

SECTION 10 STABILITY AND REACTIVITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	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.
Ingestion	Accidental ingestion of the material may be damaging to the health of the individual.
Skin Contact	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition.
Eye	This material can cause eye irritation and damage in some persons.
Chronic	There has been concern that this material can cause cancer or mutations, but there is not enough data to make an assessment..

Toxicological effects of ingredients

dibutyl phthalate	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
tributoxy ethyl phosphate	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
ethylene/ acrylic acid copolymer	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
Tributoxy ethyl phosphate	LC50	96	Pimephales promelas (fathead minnow)	11.2 mg/L
dibutyl phthalate	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**

Product / packaging disposal	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**

Marine Pollutant	NO
HAZCHEM	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

Revision Date	23/02/2021
Initial Date	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

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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End of SDS