



Safety Data Sheet

According to UN GHS

Date of Issue: 30/08/2022 Revision Date 30/08/2022 | Version 7.0

Product name

# WOODTECT AC CURING AGENT SB

(KAT 1104)



## SECTION 1: IDENTIFICATION

**GHS product identifier** : WOODTECT AC CURING AGENT(KAT 1104)

**Other means of identification** : A blended sulphonic acid catalyst.

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

**Identified uses** : Used to cure the EZN range of products.

**Restrictions of use** : Do not use in areas / substrates other than specified for in identified uses / TDS.

**Supplier's details** : Kansai Plascon (Pty) Ltd  
P.O. Box 4010  
Luipaardsvlei  
1743

**Emergency phone** : +2711 951 4500 (within hours of operation)  
**Cell phone** : +2783 991 5782 (outside hours of operation)  
**Facsimile** : +2711 955 2841  
**National Contact Person** : Misheck Mundondo

## SECTION 2: HAZARDOUS IDENTIFICATION

**Classification of the substance or mixture** : FLAMMABLE LIQUID - Category 2  
SERIOUS EYE DAMAGE/ IRRITATION - Category 2

SKIN CORROSION/IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE  
– Category 1  
ACUTE TOXICITY (DERMAL) – Category 3  
ACUTE TOXICITY (ORAL - Category 3  
ACUTE TOXICITY (INHALATION) – Category 3  
AQUATIC TOXICITY (ACUTE) – Category 2  
AQUATIC TOXICITY (CHRONIC) - Category 1

**Label elements according to** : UN GHS

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : H225 - Highly flammable liquid and vapour.  
H311 - Toxic in contact with skin.  
H315 - Causes skin irritation.  
H319 - Causes eye irritation.  
H331 - Toxic if inhaled.  
H336 - May cause drowsiness or dizziness.  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long-lasting effects.

**Precautionary statements**

**General**

: P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read carefully and follow all instructions.

**Prevention**

: P201 - Obtain special instructions before use.  
P210 - Keep away from heat/sparks/open flames/hot surfaces.  
- No smoking.  
P202 - Do not handle until all safety precautions have been read and understood  
P240 - Ground/bond container and receiving equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P262 - Do not get in eyes, on skin, or on clothing.



- P263 - Wash contaminated clothing before reuse.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink, or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves, protective clothing, eye protection or face protection.

**Response**

- : P314 - Get medical advice or attention if you feel unwell.
- P362 - Take off contaminated clothing and wash before reuse.
- P301+313 - IF SWALLOWED: Get medical advice/attention
- P303+361+353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
- P337+313 - If eye irritation persists get medical advice/attention.
- P362+364- Take off contaminated clothing and wash it before reuse.
- P337+313 - If eye irritation persists get medical advice/attention.
- P370+380 - In case of fire: Evacuate area.

**Storage**

- : P410 - Protect from sunlight.
- P402+404 - Store in a dry place. Store in a closed container.
- P403+233 - Store in a well-ventilated place. Keep container tightly closed.

**Disposal**

- : P501 - Dispose of contents/containers in accordance with local regulation

**Other hazards which do not result in classification**

- : None identified.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

**Substance/mixture** : Mixture



**Other means of identification** : A blended sulphonic acid catalyst

**CAS number/other identifiers**

**CAS number** : Not applicable.

Ingredient name	CAS number	%	UN GHS Classification
Ethanol	64-17-5	50.0-55.0	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 Eye Irrit. 2, H319 Skin Irrit. 2, H315
Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts	90194-45-9	35.0-40.0	Eye Irrit. 2, H319 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Aquatic Acute, 1, H400 Aquatic Chronic, 1, H410
1-Methoxy-2-propanol	108-65-6	5.0-10.0	Flam. Liq. 3, H226
Isopropyl alcohol	67-63-0	2.0-5.0	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

**SECTION 4: FIRST AID MEASURES**

**Description of necessary first aid measures**

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Remove contaminated clothing and shoes. Wash contaminated skin with soap or a recognised skin cleaner and plenty of water. Avoid the use of solvents. Get medical attention if symptoms persist. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Remove victim to fresh air and keep at rest in a position



Comfortable for breathing. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.

**Most important symptoms/ effects, acute and delayed**

Potential acute health effects

- Eye contact : Causes serious eye irritation.
- Inhalation : Toxic if inhaled. May cause drowsiness or dizziness.
- Skin contact : Toxic in contact with skin. Causes skin irritation.
- Ingestion : Toxic if swallowed.

Over-exposure signs/symptoms

- Eye contact : Adverse symptoms may include pain or irritation, watering or redness.
- Inhalation : Adverse symptoms may include nausea or vomiting, headache, drowsiness/ fatigue, or dizziness/vertigo, unconsciousness, reduced fetal weight, increase in fetal deaths skeletal malformations.
- Skin contact : Adverse symptoms may include irritation or redness.
- Ingestion : Adverse symptoms may include nausea or vomiting.

**Indication of immediate medical attention and special treatment needed, if necessary**

- Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments : No specific treatment.
- Protection of first aiders : No action shall be taken involving any personal risk or without Suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)





## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire such as dry powder, CO<sub>2</sub>, water spray (fog) or foam. Use fog to cool and control.

Unsuitable extinguishing media : Do not use water jet.

Specific hazards arising from the chemical : Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products : Decomposition products may include the following materials  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Put on appropriate personal protective equipment.



For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

**Methods and materials for containment and cleaning up**

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

**SECTION 7: HANDLING AND STORAGE**

Precautions for safe handling : Put on appropriate personal protective equipment (see Section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only



with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Store and use away from heat, sparks, open flame, or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges.

Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Do not reuse container.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Occupational exposure limits

Ingredient name	Exposure limits
Ethanol	<b>OHSA:</b> TWA: OEL-RL: 1000 ppm; 1900 mg/m <sup>3</sup>
1-Methoxy-2-propanol	<b>ACGIH (USA):</b> TWA: 100 ppm; STEL: 300 ppm
Isopropyl alcohol	<b>ACGIH (USA):</b> TWA: 400 ppm; STEL: 200 ppm

Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate engineering controls

: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.





Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

Hygiene measures

: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Avoid direct contact. Never touch eyes with dirty hands or gloves. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary e.g., in case of insufficient



ventilation. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	: Liquid
Colour	: Light straw
Odour (Threshold)	: No data available
Melting point	: Not applicable
Boiling point	: No data available
Flammability (gas, liquid, solid)	: No data available
Lower and upper explosive (flammable) limits	: No data available
Flash point	: <12°C
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
pH	: Not applicable
Viscosity	: No data available
Solubility	: No data available
Partition coefficient, n-octanol/water	: No data available
Evaporation rate	: No data available
Vapour pressure	: No data available
Relative density	: 0.93g/ml (typical)



Vapour density : No data available

## SECTION 10: STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions: : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

Ingredient name	Result	Species	Dose	Exposure
Ethanol	LC50 Inhalation Vapor	Rat	124700 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	7 g/kg	-
Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts	LC50 Dermal	Rat	> 1000 mg/kg	-
	LD50 Oral	Rat	1086 - 1980 mg/kg	-
	LD50 Oral	Mouse	2250 mg/kg	-
-Methoxy-2-propanol	LD50 Oral	Rat	4016 mg/kg	-
	LD50 Dermal	Rabbit	> 2000 mg/kg	-
	LD50 Inhalation	Rat	> 25.8 mg/l	6 hours
Isopropyl alcohol	LC50 Oral	Rat	3437 ppm	-
	LC50 Inhalation	Rat	72.6 mg/l	4 hours
	LD50 Dermal	Rabbit	4059 mg/kg	-

Irritation/Corrosion  
No data Available

### Specific target organ toxicity (single exposure)

Ingredient name	Category	Route of exposure	Target Organs
Isopropyl alcohol	Category 3	Not determined	Kidneys



Specific target organ toxicity (repeated exposure)  
No data available

Aspiration hazard  
No data available

Information on the likely routes of exposure : Inhalation, skin, and eye contact.

Potential acute health effects  
Eye contact : Causes serious eye damage.  
Inhalation : Toxic if inhaled. May cause drowsiness or dizziness.

Skin contact : Toxic in contact with skin. Causes skin irritation.  
Ingestion : Toxic if swallowed.

Symptoms related to the physical, chemical, and toxicological characteristics  
Eye contact : Adverse symptoms may include pain or irritation, watering or redness.  
Inhalation : Adverse symptoms may include nausea or vomiting, headache, drowsiness/ fatigue, or dizziness/vertigo.  
Skin contact : Adverse symptoms may include irritation or redness.  
Ingestion : Adverse symptoms may include nausea or vomiting.

Potential Chronic health effects  
General : No known significant effects or critical hazards.  
Carcinogenicity : No known significant effects or critical hazards.  
Mutagenicity : No known significant effects or critical hazards.  
Teratogenicity : No known significant effects or critical hazards.  
Developmental effects : No known significant effects or critical hazards.  
Fertility effects : No known significant effects or critical hazards.

Acute toxicity estimates  
No data available

**SECTION 12: ECOLOGICAL INFORMATION**

Toxicity

Ingredient name	Result	Species	Exposure
Ethanol	Acute LC50 13000 mg/l	Fish - Rainbow trout	96 hours
	Acute LC50 15300 mg/l	Fish - Fathead minnow	48 hours
	Acute LC50 250ppm	Fish - Goldfish	8 hours



Ingredient name	Result	Species	Exposure
Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts	Acute EC50 4.1 mg/l	Aquatic - Daphnia magna	48 hours
	Acute LC50 9.1 mg/l	Algae - Green algae	72 hours
	Acute LC50 4.1 mg/l	Fish - Fathead minnow	96 hours
	Acute LC50 3.2 mg/l	Fish - Goldfish	96 hours
	Chronic NOEC 0.58 - 17 mg/l	Algae - Green algae	72 hours
1-Methoxy-2-propanol	Acute LC50 6812 mg/l	Fish - Golden Orfie	96 hours
	Acute LC50 1000 mg/l	Fish - Rainbow trout	96 hours
	Acute LC50 20800 mg/l	Fish - Fathead minnow	96 hours
	Acute LC50 25900 mg/l	Aquatic - Water flea	96 hours
	Acute ErC50 >1000 mg/l	Algae - Green algae	96 hours
Isopropyl alcohol	Acute LC50 6550 mg/l	Fish -Pimephales promelas	96 hours
	Acute EC50 13299 mg/l	Aquatic - Daphnia magna	48 hours
	Acute EC50 >1000 mg/kg	Algae - Scenedesmus subspicatus	96 hours

Persistence and degradability

Ingredient name	Aquatic half-life	Photolysis	Biodegradability
Benzenesulfonic acid, mono-C10-13- alkyl derivs., sodium salts	-	-	Readily
1-Methoxy-2-propanol	Fresh water 10 days	28 days	Readily

Bio accumulative potential

Ingredient name	LogPow	BCF	Potential
Benzenesulfonic acid, mono-C10-13- alkyl derivs., sodium salts	3.32	245	High
1-Methoxy-2-propanol	-	96%	-

Mobility in soil

Soil/ water partition coefficient (KOC) : No data available.

Mobility : No data available.

PBT/vPvB data : P: No data available.  
B: No data available.  
T: No data available.

Other adverse effects : No known significant effects or critical hazards.




**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product



residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**SECTION 14: TRANSPORT INFORMATION**

	Transportation - road - SANS 10228:2012	Transportation- Maritime - IMO/ IMDG	Transportation- Air – IATA
UN number	1263	1263	1263
UN proper shipping name	Paint	Paint	Paint
Transport hazard class(es)	3 	3 	3 
Packing group	III	III	III
Environmental Hazards	No	No	No
Additional information	No data available	<b>Emergency schedules (EmS)</b> F-E, S-E	<b>Passenger and Cargo Aircraft Ltd QTY:</b> Quantity limitation: 1 L Packaging instructions: Y341 <b>Passenger and Cargo Aircraft:</b> Quantity limitation: 5 L Packaging instructions: 353



			<b>Cargo Aircraft Only:</b> Quantity limitation: 60 L Packaging instructions: 364
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No data available	No data available	No data available

**SECTION 15: REGULATORY INFORMATION**

Safety, health and environmental regulations specific for the product

: Relevant information regarding authorization: Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances. Relevant information regarding restrictions: None known. EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC Other National regulations: None. Standards used for PPE recommendations in Section 8: NIOSH-National Institute for Occupational Health and Safety (USA) EN 166 European standard which concerns the area of eye protection. EN 374-3 European standards for permeation and penetration. EN 141/EN 143 European standards for gas mixtures to remove specified gases and vapours or combined filters for removing solids, and/or liquid particles and specified gases and vapours.

**SECTION 16: OTHER INFORMATION****History**

Date of review : 30/08/2022

Date of review	Version	Amendments
30/08/2022	7.0	GHS compliant SDS
25/07/2018	6.0	-

Date of previous issue : 25/07/2018

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCP Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals



WOODTECT AC CURING AGENT

(KAT 1104)

UN1263 PAINT

Safety Data Sheet

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IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OHS Act = Occupational Health and Safety Act, 1993 (South Africa)  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
UN = United Nations

References : Supplier Safety Data Sheets.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers:

Employers should use this information only as a supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be only used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.