

Safety Data Sheet

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1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product Name: **AMARILLO**
 Recommended Use: Adhesive
 Supplier: ICA International Chemicals (Pty) Ltd
 Address: 28 Planken Street
 Plankenbrug Industrial
 STELLENBOSCH · 7600 · SOUTH AFRICA
 Telephone No: +27 (0) 21 886 9812
 Fax No: +27 (0) 21 886 8209
 Emergency Tel No: Griffon Poison Information Centre +27 82 446 8946
 Poisons Helpline 0861 555 777

2. HAZARD IDENTIFICATION ON PRODUCT

GHS classification of product This product is considered as not hazardous.
 GHS Label elements This product does not need GHS label elements.
 Signal Word **None**
 Hazard Statements H303, H313, H333: May be harmful if swallowed, in contact with skin and inhaled
 H320 Causes eye irritation (May)
 Precautionary Statements P102 Keep out of reach of children
 P103 Read label before use
 P280 Wear protective gloves/face protection/protective clothing
 P301 + P312 IF SWALLOWED: Call a poison centre/doctor if you feel unwell
 P302 + P352 If on skin, wash with plenty of water.
 P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
 P330 If in mouth, rinse mouth with plenty of water
 P337 +P313 If eye irritation persist: Get medical attention
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up
 P501 Dispose of content/container in accordance to local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(s)	CAS NO:	Concentration (w/w)
1,2-Cyclohexanedicarboxylic acid, dinonyl ester, branched and linear	474919-59-0	25 to 35 %
Inerts		

4. FIRST AID MEASURES

General advice: No special measures required. Take affected persons out into the fresh air and remove contaminated clothing.

INGESTION:

- Product is harmless in swallowed in small amounts.
- Rinse mouth immediately.
- Drink plenty of water.
- Provide fresh air.
- Seek medical attention.

INHALATION:

- Inhalation of vapor or mist can cause headache, irritation of nasal passages, or lungs.
- Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.
- In case of unconsciousness, place patient stably in side position for transportation.
- Treat symptomatically. Remove patient from source of exposure and move to fresh air.
- Call a POISON CENTER/ doctor

EYES:

- Treat symptomatically. Direct contact with eyes can cause slight irritation.
- Remove any contact lenses. Rinse eyes immediately with plenty of clean water for at least 15 minutes. Hold eyelids apart while flushing.

SKIN:

- Treat symptomatically. Prolonged or repeated contact can cause slight irritation.
- Remove contaminated clothing and take a shower.
- Wash affected areas (skin) with plenty of soap and water.

NOTE TO PHYSICIAN:

- Treat symptomatically.

POTENTIAL HEALTH AFFECTS:

- No significant adverse effects expected.

5. FIRE FIGHTING MEASURES**SUITABLE EXTINGUISHING MEDIA:**

- CO₂, Dry powder and water spray. Fight larger fires with water spray.

HAZARDS FROM COMBUSTION PRODUCTS:

- In a fire, formation of oxides of carbon, sulphur and nitrogen can be expected.

PRECAUTIONS FOR FIRE FIGHTERS:

- Fire fighters should wear full protective gear including self-containing breathing apparatus.

Further information:

- The substance does not initiate an exothermic reaction under test conditions, not self-igniting.
- If possible, safely remove intact containers from the fire.
- **Keep containers cool by spraying with water if exposed to fire.**
- Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.
- Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
- In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES**SPILL OR LEAK:**

- Personal precautions: Handle in accordance with good industrial hygiene and safety practice.
- Environmental precautions: Discharge into the environment must be avoided
- Clean-up: For small spillage: Spills should be contained, solidified, and placed in suitable containers for disposal.
 - For large spillage: Absorb with liquid-binding material (sand, diatomite, acid binders, and universal binders) and send to waste disposal.

7. HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING:**

- Ensure thorough ventilation of stores and work areas.

CONDITIONS FOR SAFE STORAGE:

- Store in original container. Containers should be stored and tightly sealed in a cool, dry place, between 5-35°C. Protect from freezing.

8. EXPOSURE CONTROL / PERSONAL PROTECTION**ENGINEERING CONTROLS:**

Facilities should be equipped with an eyewash facility and a safety shower. Sufficient ventilation must be provided.

PERSONAL PROTECTIVE EQUIPMENT:

Wear suitable protective clothing which include dust mask; safety goggles and chemical resistant gloves.

Suitable respiratory protection for higher concentrations or long-term effect: Particle filter with medium efficiency for solid and liquid particles

General safety and hygiene measures: Do not eat, drink or smoke while handling.

Wash soiled clothing immediately

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (colour; physical form):	Yellow Paste
ODOUR:	Characteristic
PH (1 % IN WATER)	6.5-7.5
MELTING POINT/FREEZING POINT:	0°C
BOILING POINT:	80-110 °C
DENSITY:	0.87-1.1 gr/cm ³
FLASH POINT	>180 °C
SOLUBILITY IN WATER:	Miscible at any ratio
VISCOSITY:	1440-1760 cPs/ sp.3/ V-30 (23 °C)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions of use..
INCOMPATIBLE MATERIALS	Strong oxidizing agents.
POSSIBILITY OF HAZARDOUS REACTIONS	The product is chemically stable.
HAZARDOUS DECOMPOSITION PRODUCTS	No hazardous decomposition products if stored and handled as prescribed/indicated. When exposed to high temperatures over a long period of time, formation of outgassing flammable decomposition products may occur.
CONDITIONS TO AVOID:	Avoid all sources of ignition: heat, sparks, and open flame. Avoid extreme heat and cold.

11. TOXICOLOGICAL INFORMATION

ANIMAL ACUTE TOXICITY DATA

ORAL:	LD ₅₀ (rat)	>5 000 mg/kg. (Unclassified)
DERMAL:	LD ₅₀ (rats)	> 2 000 mg/kg bw.
INHALATION:	LC ₅₀ (4h) rat	4.07-7.3 mg/ℓ mg/ℓ (Acute toxicity category 3)
SKIN:	Rabbit	May cause slight irritation to the skin.
EYES	Rabbit	None

Not a skin sensitizer. Not mutagenic Not Carcinogenic. No reproductive toxicity. No specific target organ toxicity (single and double exposure). No aspiration hazard.

12. ECOLOGICAL INFORMATION *For main ingredient

ECOTOXICITY:	Birds: LD ₅₀ (oral)	No data
	*Fish: LC ₅₀ (96h)	<i>Brachydanio rerio</i> > 100 mg ℓ ⁻¹
	*Daphnia: EC ₅₀ (48h)	>100 mg ℓ ⁻¹
	*Algae EC ₅₀ (72h)	<i>Scenedesmus subspicatus</i> >100 mg/ℓ
	Bees	No data
	*Earthworms: LC ₅₀ (14d)	> 1,000 mg/Kg
PERSISTENCE, DEGRADABILITY and MOBILITY:		No-Data

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in a licensed facility. Do not discharge substance/product into sewer system. Dispose of in accordance with local regulations

Contaminated packaging: Invert empty container over mix or spray tank and allow draining until flow has stopped.

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. TRANSPORT INFORMATION

UN NUMBER:	Not relevant
PROPER SHIPPING NAME:	Not a dangerous goods
TRANSPORT HAZARD CLASS:	Not relevant
PACKING GROUP:	Not relevant
TEL NO:	+27 (0) 21 886 9812

15. REGULATORY INFORMATION

This data sheet complies with the requirements of SABS ISO 11014-1: 2010

Safety, health and environmental regulations/legislation specific for the substance or mixture: None.

Chemical Safety Assessment: The product does not contain substances of very high concern (SVHC).

16. OTHER INFORMATION

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how to prevent accidents in the normal workplace including in conjunction with other products.

The information was obtained from sources which we believe are reliable. However, the information is provided in good faith. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and for this reasons we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used for this product only.

END of SDS