

# SAFETY DATA SHEET

## GLYPHOGAN 360 SL

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product name** : GLYPHOGAN 360 SL  
**Chemical name of active ingredient(s)** : N-(phosphonomethyl)-glycine, isopropylamine salt  
**Manufacturer** : Agan Chemical Manufacturers Ltd.  
 Northern Industrial Zone,  
 P.O.Box 262, Ashdod, Israel.  
**Emergency telephone number** : +972-8-8515211

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/preparation** : Preparation

**Information on hazardous ingredients** \*

Common name	CAS No.	%	EC Number	Symbol	R-Phrases
Glyphosate	38641-94-0	39 - 43	254-056-8	Not classified	-
Ethoxylated alkylamine	61791-26-2	13 - 18	-	Xn,N	R22-41-51/53

\* *Occupational Exposure Limit(s), if available, are listed in section 8*

### 3. HAZARDS IDENTIFICATION

**Most important hazards** : Irritating to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. FIRST-AID MEASURES

**Effects and symptoms**

**First-aid measures** : Remove victim from area of exposure. Wash off remaining material with plenty of water.

**Inhalation** : Remove victim to fresh air. If breathing is difficult: artificial respiration. Get medical attention.

**Ingestion** : Wash out mouth with plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.

**Skin contact** : Remove contaminated clothing. Wash away remainder with water and soap.

**Eye contact** : Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Get medical attention.

**Notes to a physician** : There is no specific antidote. Treat symptomatically and give supportive therapy.

**Protection of first-aiders** : Use appropriate protection (see section 8).

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

**Suitable** : Dry chemical, water spray, foam, carbon dioxide.

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**Hazardous thermal (de)composition products** : Phosphorus oxides and nitrogen oxides.  
**Protection of fire-fighters** : Self-contained breathing apparatus and total protection required in enclosed areas.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Wear suitable protective clothing.  
**Environmental precautions** : Do not discharge into drains or the environment.  
**Methods for cleaning up** : Absorb remainder in sand or other inert material. Dispose of in an authorized waste collecting point.

### 7. HANDLING AND STORAGE

**Handling** : Ventilation required.  
**Storage** : Keep only in the original container. Keep in a cool, dry, well ventilated place away from direct sunlight.  
**Packaging materials**  
**Suitable** : High density polyethylene extrusion blow containers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures** : Ventilation required.  
**Hygiene measures** : When handling do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use.  
**Occupational Exposure Limits**  
**Common name** : **Glyphosate**  
: Not established  
**Personal protective equipment**  
**Respiratory system** : Respiratory protection is not required if good ventilation is maintained.  
**Skin and body** : Wear suitable protective clothing. Chemical resistant boots.  
**Hands** : Chemical resistant gloves.  
**Eyes** : Safety goggles or face shield.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** : Liquid  
**Colour** : Light amber - Light brown  
**Odour** : Faint odour  
**Boiling point** : 100°C (Water)  
**Density** : 1.172 ± 0.02 g/mL @ 20°C  
**Vapour pressure** : 0.0024 mPa @ 45°C (Glyphosate)  
**Solubility in water** : Freely soluble (Glyphosate)  
**Octanol/water partition coefficient** : log = -3.2 (Glyphosate)  
**pH** : 4.4 - 4.9  
CIPAC, MT 75.





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#### 15. REGULATORY INFORMATION

**Classification** : This product is provisionally labelled by the supplier in accordance with the suppliers understanding of the EU regulations (Directives 67/548/EEC, 1999/45/EC).

**Hazard symbol(s)** : Xi, N



IRRITANT



DANGEROUS FOR THE ENVIRONMENT

**Risk phrases** : R36: Irritating to eyes.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases** : S25: Avoid contact with eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S35: This material and its container must be disposed of in a safe way.  
S57: Use appropriate containment to avoid environmental contamination.

#### 16. OTHER INFORMATION

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

##### HISTORY

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The version-number is made up of three parts; part 1 is a general information code, part 2 a country-specific code and part 3 a language-specific code

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