

# *European Commission*



**Combined Draft Renewal Assessment Report prepared according to  
Regulation (EC) N° 1107/2009  
and  
Proposal for Harmonised Classification and Labelling (CLH Report)  
according to Regulation (EC) N° 1272/2008**

## **Glyphosate**

### **Volume 3 – B.4 (AS)**

**Rapporteur Member State: Assessment Group on Glyphosate  
(AGG) consisting of FR, HU, NL and SE**

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## Version History

<b>When</b>	<b>What</b>
2021/06	Initial RAR

The RMS is the author of the Assessment Report. The Assessment Report is based on the validation by the RMS, and the verification during the EFSA peer-review process, of the information submitted by the Applicant in the dossier, including the Applicant's assessments provided in the summary dossier. As a consequence, data and information including assessments and conclusions, validated and verified by the RMS experts, may be taken from the applicant's (summary) dossier and included as such or adapted/modified by the RMS in the Assessment Report. For reasons of efficiency, the Assessment Report should include the information validated/verified by the RMS, without detailing which elements have been taken or modified from the Applicant's assessment. As the Applicant's summary dossier is published, the experts, interested parties, and the public may compare both documents for getting details on which elements of the Applicant's dossier have been validated/verified and which ones have been modified by the RMS. Nevertheless, the views and conclusions of the RMS should always be clearly and transparently reported; the conclusions from the applicant should be included as an Applicant's statement for every single study reported at study level; and the RMS should justify the final assessment for each endpoint in all cases, indicating in a clear way the Applicant's assessment and the RMS reasons for supporting or not the view of the Applicant.

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## **B.4. FURTHER INFORMATION**

### **B.4.1. METHODS AND PRECAUTIONS CONCERNING HANDLING, STORAGE, TRANSPORT OR FIRE**

Good industrial practice in housekeeping and personal hygiene should be followed.

Precautions for safe handling	<p>When using do not eat, drink or smoke.  Wash hands thoroughly after handling or contact.  Wash contaminated clothing before re-use.  Thoroughly clean equipment after use.  Do not contaminate drains, sewers and water ways when disposing of equipment rinse water.  Emptied containers retain vapour and product residue.  <b>FOLLOW LABELLED WARNINGS EVEN AFTER CONTAINER IS EMPTIED.</b></p>
Conditions for safe storage	<p>Minimum storage temperature: -15 °C  Maximum storage temperature: 50 °C  Keep out of reach of children.  Keep away from food, drink and animal feed.  Keep only in the original container.  Partial crystallization may occur on prolonged storage below the minimum storage temperature.  If frozen, place in warm room and shake frequently to put back into solution.  Minimum shelf life: 5 years.  This formulation can be stored for 2 to 3 weeks at temperatures colder than -20°C without impact. If the temperature remains below -20°C for longer, the water phase of the formulation may freeze. Should this occur allow the product to warm and it will return to its original homogeneous state. We recommend that customers follow the typical use instructions which state that the container should be agitated (shaken) prior to pouring.</p>

### **TRANSPORT**

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

#### **ADR/RID**

UN No.:	Not applicable.
Proper Shipping Name (Technical Name if required): Regulations.	Not regulated for transport under ADR/RID
Transport hazard class:	Not applicable.
Packing Group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for the user:	Not applicable.

#### **IMO**

UN No.:	Not applicable.
Proper Shipping Name (Technical Name if required): Regulations.	Not regulated for transport under IMO
Transport hazard class:	Not applicable.
Packing Group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for the user:	Not applicable.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable.

#### **IATA/ICAO**

UN No.:	Not applicable.
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Proper Shipping Name (Technical Name if required):	Not regulated for transport under IATA/ICAO Regulations.
Transport hazard class:	Not applicable.
Packing Group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for the user:	Not applicable.

**FIRE-FIGHTING MEASURES**

Recommended extinguishing media	Water, foam, dry chemical, carbon dioxide (CO <sub>2</sub> ).
<b>Special hazards:</b>	
Unusual fire and explosion hazards	Minimise use of water to prevent environmental contamination.
Hazardous products of combustion	Carbon monoxide (CO), phosphorus oxides (P <sub>x</sub> O <sub>y</sub> ), nitrogen oxides (NO <sub>x</sub> ).
Advice for firefighters	Self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.
Flash point	Does not flash.

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls	No special requirement when used as recommended.
Recommendations for personal protective equipment	
Eye protection:	No special requirement when used as recommended.
Skin protection:	If repeated or prolonged contact: Wear chemical resistant gloves. Chemical resistant gloves include those made of waterproof materials such as nitrile, butyl, neoprene, polyvinyl chloride (PVC), natural rubber and/or barrier laminate.
Respiratory protection:	No special requirement when used as recommended.

When recommended, consult manufacturer of personal protective equipment for the appropriate type of equipment for a given application.

**B.4.2. PROCEDURES FOR DESTRUCTION OR DECONTAMINATION****Waste treatment methods**Product

Follow all local/regional/national/international regulations on waste disposal. Follow current edition of the General Waste, Landfill, and Burning of Hazardous Waste Directives; and the Shipment of Waste Regulation. According to the manufacturer self-classification, following Regulation (EC) No. 1272/2008 [CLP], the product can be disposed as a non-hazardous industrial waste. Disposal in an industrial waste incinerator with energy recovery is recommended. Keep out of drains, sewers, ditches and water ways.

Container

Follow all local/regional/national/international regulations on waste disposal, packaging waste collection/disposal. Follow current edition of the General Waste, Landfill, and Burning of Hazardous Waste Directives; and the Shipment of Waste Regulation. Do NOT re-use containers. Pour rinse water into spray tank. Properly rinsed container can be disposed as a non-hazardous industrial waste. Store for collection by approved waste disposal service. Recycle if appropriate facilities/equipment available. Recycle the non-hazardous container only when a proper control on the end use of the recycled plastic is possible. Suitable for industrial grade recycling only. Do NOT recycle plastic that could end in any human or food contact application. This package meets the requirements for energy recovery. Disposal in an incinerator with energy recovery is recommended. Triple or pressure rinse empty containers.

**Neutralisation procedures**

## Methods for cleaning up

Place leaking containers in oversize leakproof drums for transport. SMALL QUANTITIES: Flush spill area with water. LARGE QUANTITIES: Absorb in earth, sand or absorbent material. Dig up heavily contaminated soil.

Collect in containers for disposal. Flush residues with small quantities of water. Minimise use of water to prevent environmental contamination.

#### **Controlled incineration**

Follow all local/regional/national/international regulations on waste disposal, packaging waste collection/disposal. Follow current edition of the General Waste, Landfill, and Burning of Hazardous Waste Directives; and the Shipment of Waste Regulation. Do NOT re-use containers. Pour rinse water into spray tank. Properly rinsed container can be disposed as a non-hazardous industrial waste. Store for collection by approved waste disposal service. Recycle if appropriate facilities/equipment available. Recycle the non-hazardous container only when a proper control on the end use of the recycled plastic is possible. Suitable for industrial grade recycling only. Do NOT recycle plastic that could end in any human or food contact application. This package meets the requirements for energy recovery. Disposal in an incinerator with energy recovery is recommended. Triple or pressure rinse empty containers.

### **B.4.3. EMERGENCY MEASURES IN CASE OF AN ACCIDENT**

#### **a) Personal precautions**

Use personal protection as recommended in CA 3.8.

#### **b) Methods for cleaning up**

SMALL QUANTITIES: Flush spill area with water.

LARGE QUANTITIES: Absorb in earth, sand or absorbent material. Dig up heavily contaminated soil. Collect in containers for disposal. Flush residues with small quantities of water. Minimise use of water to prevent environmental contamination.

#### **c) Methods for cleaning up**

Place leaking containers in oversize leakproof drums for transport.

SMALL QUANTITIES: Flush spill area with water.

LARGE QUANTITIES: Absorb in earth, sand or absorbent material. Dig up heavily contaminated soil. Collect in containers for disposal. Flush residues with small quantities of water. Minimise use of water to prevent environmental contamination.

#### **d) Protection of emergency workers and residents, including bystanders**

For details on protective equipment please refer to CA 3.8.

#### **e) First aid measures**

##### **Description of first aid measures**

Eye contact	Immediately flush with plenty of water. Continue for at least 15 minutes. If easy to do, remove contact lenses.
Skin contact	Take off contaminated clothing, wristwatch, and jewellery. Wash affected skin with plenty of water. Wash clothes and clean shoes before re-use.
Inhalation	Remove to fresh air.
Ingestion	Immediately offer water to drink. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed by medical personnel. If symptoms occur, get medical attention.

#### **Most important symptoms and effects, both acute and delayed**

Potential health effects	Likely routes of exposure: Skin contact, eye contact Eye contact, short term: Not expected to produce significant adverse effects when recommended use instructions are followed. Skin contact, short term: Not expected to produce significant adverse effects when recommended use instructions are followed. Inhalation, short term: Not expected to produce significant adverse effects when recommended use instructions are followed.
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**Indication of any immediate medical attention and special treatment needed**

Advice to doctors

This product is not an inhibitor of cholinesterase.

Antidote

Treatment with atropine and oximes is not indicated.

**B.4.4. REFERENCES RELIED ON**

Not relevant.