

**MATERIAL SAFETY DATA SHEET**  
**NOMIX CONQUEROR AMENITY**

Page 1 of 5

**1. IDENTIFICATION**  
**Preparation :** **NOMIX CONQUEROR AMENITY**

**Supplier :** Nomix Enviro, A Division of Frontier Agriculture Ltd,  
The Grain Silos, Weyhill Road, Andover, Hampshire,  
SP10 3NT. Tel: 01264 388050

**Chemical Emergency Agency Service (24 hr):** Tel. 01865 407 333

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Active ingredient:** Isopropylamine salt of N-(phosphonomethyl)glycine; {Isopropylamine salt of glyphosate}

**Composition**

Chemical Name	No. CAS No.EINECS Index No.	Hazard Symbol(s)	Risk Phrase(s)		Concentration (%) w/w
			67/548/EEC	CLP: EC1272/2008	
Isopropylamine salt of Glyphosate [Isopropylamine salt of N- (phosphonomethyl) Glycine equivalent to 144g/l glyphosate]*	38641-94-0  254-056-8  015-184-00-8	N	R 51/53	H411	17.9
Other formulating ingredients					82.1

\*source of active ingredient is Roundup ProBiactive which contains 41.5% active.

**3. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]**

None

**Classification according to EU Directive 67/548/EEC or 1999/45/EC**

None

**Label elements:**

**Labelling according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]**

Pictogram(s)

None required

Signal word

None

Hazard statement(s)

None

Precautionary statements(s)

**MATERIAL SAFETY DATA SHEET  
NOMIX CONQUEROR AMENITY**

**Page 2 of 5**

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P273 Avoid release to the environment.

P390 Collect spillage.

P501 Dispose of contents/container to a licensed waste-disposal

contractor in accordance with 'The Waste Management Regulations (England & Wales) Regulations 2006'.

Supplemental Hazard  
statements

None

**Labelling according to EU Directive 67/548/EEC or 1999/45/EC**

Hazard Symbol(s): None

Risk Phrase(s): None

Safety Phrase(s): S29/35 Do not empty into drains; dispose of this material and its container in a safe way.

S57 Use appropriate containment to avoid environmental contamination.

S61 Avoid release to the environment.

Refer to special instructions/Safety data sheets.

Other Hazards

none

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**4. FIRST-AID MEASURES**

**Never give fluids or induce vomiting if patient is unconscious or is having convulsions.**

**Inhalation:**

If inhalation of vapour, mists or fumes causes irritation of the nose or throat, or coughing remove patient to fresh air. If irritation persists obtain medical advice.

**Skin contact:**

Remove contaminated clothing immediately. Wash contaminated skin immediately with plenty of soap and water. If irritation persists get medical attention.

**Eye Contact:**

Flush immediately with plenty of water, for at least 15 minutes. If pain, redness or irritation persists, get medical attention.

**Ingestion:**

If oral contamination occurs, wash out mouth with water. If swallowed do not induce vomiting, seek medical advice immediately and show the container, label or this data sheet.

**Medical Advice:**

**Over exposure symptoms:**

No symptoms diagnostic of systemic poisoning with this product.

**Physician:**

No specific antidote. This product is not an inhibitor of cholinesterase, and treatment with atropine and oximes is not indicated. Treat symptomatically.

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**5. FIREFIGHTING RELEASE MEASURES**

**MATERIAL SAFETY DATA SHEET**  
**NOMIX CONQUEROR AMENITY**  
**Page 3 of 5**

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**Unusual hazards:**

Packaging may burn to produce to give toxic fumes.

**Extinguishing media:**

Extinguish with dry chemical, foam, waterspray, CO<sub>2</sub>. Firefighters, and other exposed, wear self contained breathing apparatus. Thoroughly clean equipment after use.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**

Use personal protection recommended in section 8.

**Environmental precautions :**

Contain liquid spillage with sand or other means to prevent entry into drains.

**Methods for cleaning up:**

Absorb in earth or sand. Sweep up into containers for disposal. Dig up heavily contaminated soil and place in drums. (Refer to section 10 for types of containers and drums)

Wash spill area with soap and water. Refer to section 13 for disposal of spilled material.

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**7. HANDLING AND STORAGE**

**Handling:**

Good industrial practice in housekeeping and personal hygiene should be followed. Do not breath gas, fumes, vapour or spray. When using do not eat, drink or smoke. Wash hands immediately after handling. Wash contaminated clothing before reuse. Thoroughly clean equipment after use.

**Storage:**

Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Keep at temperature not exceeding 30°C. Store above 0°C. Keep container tightly closed. Do not re-use container for any other purpose.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Occupational exposure limits:**

Not applicable

**Engineering measures:**

See section 10 - "Materials to avoid" for equipment.

**Respiratory protection:** No special requirement when used as recommended.

**Hand protection:** Wear suitable protective gloves when connecting container to equipment.

**Eye protection:** No special requirement when used as recommended.

**Skin protection:** Wear suitable protective clothing (coveralls) during application.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	:	Opaque
<b>Colour</b>	:	White liquid
<b>Flash Point</b>	:	> 98 °C.
<b>Specific Gravity</b>	:	1.09 approx (at 20°C)
<b>Solubility in water</b>	:	Miscible

**MATERIAL SAFETY DATA SHEET**  
**NOMIX CONQUEROR AMENITY**

**Page 4 of 5**

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**10. STABILITY AND REACTIVITY**

**Conditions to avoid** : Not applicable.

**Materials to avoid:** Do not store in galvanised steel or unlined mild steel containers

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**11. TOXIC HAZARD**

**Formulation (Calculated):**

Acute oral toxicity LD<sub>50</sub> (rat) : > 5 000 mg/kg.

Acute dermal toxicity LD<sub>50</sub> (rat) : > 5 000 mg/kg.

Not irritating to eyes or skin (rabbit)

Not sensitizing to skin (Guinea pig)

**Active Ingredient:**

Test on glyphosate showed that it did not cause any mutagenic, carcinogenic, teratogenic or adverse reproductive effects. It is not neurotoxic and does not inhibit cholinesterase.

**Human Experience:**

If swallowed, may cause gastrointestinal tract irritation (discomfort, nausea, vomiting, diarrhoea).

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**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity (derived):**

Rainbow Trout: 96 hr LC<sub>50</sub> > 900 mg/l

Daphnia Magna: 48 hr EC<sub>50</sub> > 600 mg/l

Green Algae: 72 hr EC<sub>50</sub> > 100 mg/l

**Other Wildlife toxicity:**

Tests in a variety of mammalian, avian and aquatic species have shown that Glyphosate does not bio-accumulate.

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**13. DISPOSAL CONSIDERATIONS**

**Product:**

Absorb in earth or sand. Shovel up into covered containers for disposal. Dig up heavily contaminated soil and place in drums. (Refer to section 10 for types of containers and drums).

Send to special chemical waste disposal facility or burn only in special, controlled high temperature incinerator. Do not empty into drains. Flush spill area with water.

**Container:**

Empty container completely before disposal. Dispose of container through a reputable waste disposal contractor. Do not contaminate waterways, ponds or ditches with waste product or container. All local and national regulations should be followed.

**MATERIAL SAFETY DATA SHEET**  
**NOMIX CONQUEROR AMENITY**  
**Page 5 of 5**

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**14. TRANSPORT INFORMATION**

ADR Class/Conveyance class: 9  
Packing group: III  
UN No: 3082

Environmentally Hazardous Substance

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**15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

In 2012 UK HSE (CRD) considered effects on non target terrestrial plants and it was concluded that glyphosate containing products should carry the risk mitigation phrase '**Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area**'.

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**16. OTHER INFORMATION**

**Text of H code(s) and R phrase(s) mentioned in section 2**

H411	Toxic to aquatic life with long lasting effects Category 2
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information contained within this Material Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other national health and safety legislation such as the Health and Safety at Work Act (1974) and the Control of Substances Hazardous to Health Regulations (2002 and subsequent amendments).

Date of MSDS Review: 13.09.13

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