

MATERIAL SAFETY DATA SHEET
NOMIX CONQUEROR AMENITY

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1. IDENTIFICATION

Preparation : **NOMIX CONQUEROR AMENITY**

Supplier : Nomix Enviro, A Division of Frontier Agriculture Ltd,
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SP10 3NT. Tel: 01264 388050

Chemical Emergency Agency Service (24 hr): Tel. +44 (0)1865 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
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	H411	Aquatic chronic 2	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

Label elements:

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

Pictogram(s)

None required

Signal word

None

Hazard statement(s)

None

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Precautionary statements(s)

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

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.

5. FIREFIGHTING RELEASE MEASURES

Unusual hazards:

Packaging may burn to produce toxic fumes.

Extinguishing media:

Extinguish with dry chemical, foam, waterspray, CO₂. Firefighters, and other exposed, wear self contained breathing apparatus. Thoroughly clean equipment after use.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protection recommended in section 8.

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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.

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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

Conditions to avoid : Not applicable.

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

11. TOXIC HAZARD

Formulation (Calculated):

Acute oral toxicity LD₅₀ (rat) : > 5 000 mg/kg.

Acute dermal toxicity LD₅₀ (rat) : > 5 000 mg/kg.

Not irritating to eyes or skin (rabbit)

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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).

12. ECOLOGICAL INFORMATION

Aquatic Toxicity (derived):

Rainbow Trout: 96 hr LC₅₀ > 900 mg/l

Daphnia Magna: 48 hr EC₅₀ > 600 mg/l

Green Algae: 72 hr EC₅₀ > 100 mg/l

Other Wildlife toxicity:

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

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.

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14. TRANSPORT INFORMATION

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

Environmentally Hazardous Substance

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**'.

16. OTHER INFORMATION

Text of H code(s) mentioned in section 2

H411 Toxic to aquatic life with long lasting effects Category 2

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) (UK only) and the Control of Substances Hazardous to Health Regulations (2002 and subsequent amendments) (UK only)

Date of MSDS Review: 20.02.2017

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