


MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

Product name BUGGY SG
Use Herbicide.
Formulation Water Dispersible Granule
Supplier: Sipcam UK Limited, 4C Archway House, Melbourn Street, Royston SG8 7BX.
Emergency No 01763 212100.

2. HAZARDS IDENTIFICATION

Classification of mixture according to Regulation (EC) Number 1272/2008

DANGER		H318 Causes serious eye damage
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Additional information For the wording of hazard and precautionary phrases refer to section 15.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients (according to Regulation (EC) Number 1272/2008)

	CAS/EINECS	R Phrases	%
Glyphosate <i>(present as ammonium salt of glyphosate (CAS 40465-66-5))</i>	1071-83-6/213-997-4	H318, H411	36%

Additional information For the wording of the listed hazard phrases refer to section 16.

4. FIRST AID MEASURES

General information:

Show this safety data sheet to the doctor.
Remove any clothing soiled by the product.

After inhalation:

Supply fresh air or oxygen; call for doctor.
If breathing is irregular or stopped, administer artificial respiration.

After skin contact:

The product is not skin irritating.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing:

In case of persistent symptoms consult doctor.
If swallowed, do not induce vomiting, seek medical advice immediately, show label or container.

Information for doctor:

No further relevant information available.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents

CO₂, extinguishing powder or water jet.
Fight larger fires with water jet or alcohol-resistant foam.

Special hazards arising from the substance or mixture

Formation of toxic gases possible during heating or in fire: nitrogen oxides (NO_x), carbon monoxide (CO). Under certain conditions traces of other toxic gases cannot be excluded.

Protective equipment:

Put on self-contained breathing apparatus.
DO not inhale explosion or combustion gases.

Additional Information:

Cool endangered containers with water spray, Keep upwind.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid causing dust. Wear protective equipment. Keep unprotected people away.

Environmental precautions:

Inform respective authorities in case product reaches water or sewage system.

Do not allow to enter drainage system, surface or ground water.

Methods and material for containment and cleaning up:

Collect mechanically.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections:

See Section 7 for safe handling, 8 for personal protection equipment, 13 for disposal information

7. HANDLING AND STORAGE

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of dust, provide suction extractors if dust is formed.

Information about protection against explosions and fires:

Keep ignition sources away.

Do not smoke.

The product is not flammable.

Conditions for safe storage, including any incompatibilities

Storage: Requirements to be met by storerooms and containers:

Keep container tightly sealed. Store in cool, dry place. Store only in original container.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

The product is hygroscopic, store under dry conditions.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace: No data

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

Personal protective equipment

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working.

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Breathing equipment:

Breathing protection is recommended. Recommended filter device: Filter P1

Protection of hands:

Protective gloves (rubber)

Eye protection:

Safety glasses

Body protection:

Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Melting point or range:

Not determined

Solid content: 100%

Form: Granules

Boiling point or range:

Not determined

Solvent content:

Organic solvents: 0 %

Water: 0%

Colour: White

Flash point:

Not applicable

Odour: Characteristic

Self-Flammability:

Not self-igniting

Solubility / Miscibility (water):

Soluble in water

pH-value at 20°C: 3.6
(1% aqueous)

Danger of explosion:

Product is not explosive.

Density: 0.7 g/cm³

10. REACTIVITY AND STABILITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications

Possibility of hazardous reactions: Reacts with acids.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Thermal decomposition products may include toxic and

corrosive fumes of chlorides and toxic oxides of nitrogen.		
11. TOXICOLOGICAL INFORMATION		
LD/LC50 values that are relevant for classification:		
Formulated product	Oral LD50 <2000 mg/kg (rat)	Dermal LD50 >2000 mg/kg (rat)
Active substance	Inhalation LC50/4 h > 5.7 mg/l (rat)	
Skin Irritation: No irritant effect. Eye Irritation : Irritant.		
Sensitisation: No sensitization effect known.		
12.ECOLOGICAL INFORMATION		
Aquatic toxicity (formulated product):		
Fish LC50: >100 mg/l	Daphnia LC50: >100 mg/l	Algae EC50: >100 mg/l
Other toxicity (active substance):		
Bird LC50: >3851 mg/kg	Bee LD50: >100µg/bee	
Persistence and degradability: Not persistent in water, moderately persistent in soil.		
Bioaccumulative potential : Does not bioaccumulate.		
Mobility in soil: Strongly absorbs to soil		
Notes: Do not allow product to reach groundwater, water bodies or sewage system.		
13. DISPOSAL		
Waste or used preparation: Use specialist waste contractor in accordance with local regulations. Do not contaminate ponds, waterways and ditches with product or used container.		
Disposal of packaging: Use specialist waste contractor in accordance with local regulations. Do not dispose in household garbage. Do not re-use empty containers		
14. TRANSPORT		
UN-Number (ADR, IMDG, IATA) 3077		
Proper shipping name(ADR, IMDG, IATA) 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Glyphosate)		
Hazard class (ADR,IMDG, IATA): Class 9 Miscellaneous Dangerous Goods		
Packing group (ADR, IMDG, IATA): III		
Marine pollutant: Yes		
Special marking (ADR): Symbol (fish and tree)		
Special precautions (user)		
Kemler Number: 90		
EMS Number: F-A,S-F		
15. REGULATORY INFORMATION		
Hazard-determining components of labelling: Glyphosate		
Hazard (H) phrases:		
318 Causes serious eye damage.		
Precautionary (P) phrases:		
280 Wear gloves, protective clothing and eye/face protection		
305+351+338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
273 Avoid release to the environment		
391 Collect spillage		
501 Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste		
SP1 Do not contaminate water with the product or its container (Do not clean application equipment near surface water / Avoid contamination via drains from farmyards and roads)		
16. OTHER INFORMATION		
H Phrases referenced in section 3:		
H318 Causes serious eye damage.		
H411 Toxic to aquatic life with long lasting effects.		
Prepared by Sipcam UK Ltd to the best of our current knowledge and information: No responsibility is accepted that the information will be sufficient or correct in all cases.		
February 2016		

