SAFETY DATA SHEET
STRIKEBACK FLEA KILLING FOGGER

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

PRODUCT NAME
STRIKEBACK FLEA KILLING FOGGER

SUPPLIER
Group 55
2 Sherdley Road
L zostock Hall
Preston
PRS SLP
01772 310200
01772 334820
enquiries@group55.co.uk

2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Harmful by inhalation and if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION
Xn;R20/22. R43. N;R50/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERMETHRIN</td>
<td>258-067-9</td>
<td>052645-53-1</td>
<td>10-30%</td>
<td>Xn;R20/22 R43 N;R50/53</td>
</tr>
<tr>
<td>POTASSIUM CHLORATE</td>
<td>223-289-7</td>
<td>3811-04-9</td>
<td>10-30%</td>
<td>O:R9 Xn;R20/22 N;R51/53</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION
Remove affected person from source of contamination. Remove contaminated clothing immediately and dispose of safely.

NOTES TO THE PHYSICIAN
This product contains a Pyrethroid, and MUST NOT be confused with organophosphorus compounds.

INHALATION
Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION
Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use high volume water jet.

SPECIAL FIRE FIGHTING PROCEDURES
Avoid breathing fire vapours. Containers close to fire should be removed or cooled with water. Dike and collect extinguishing water.

UNUSUAL FIRE & EXPLOSION HAZARDS
In case of fire the evolution of dangerous gases is possible. Contains potassium chloride which is classified as an oxidising agent. This will assist combustion in a fire situation.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.
ENVIRONMENTAL PRECAUTIONS
Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS
Avoid contact with skin or inhalation of spillage, dust or vapour. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Read and follow manufacturer's recommendations. Does not require specific handling. Avoid inhalation of dust, or contact with eyes, as dusty material. Do not eat, drink or smoke when using the product.

USAGE DESCRIPTION
Pesticide smoke generator.

STORAGE PRECAUTIONS
Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in tightly closed original container in a dry and cool place. Keep away from heat, sparks and open flame.

STORAGE CLASS
Keep in pesticide store - product is an insecticide of low toxicity. Physically and chemically stable for at least 2 years when stored in the original, unopened containers at ambient temperatures.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS
When using this product, refer to the label for details. Should it be necessary to enter the treated area whilst smoke remains in the atmosphere, respiratory protective equipment and eye protection must be used (see HSE Guidance Booklet (HS)G53 'Respiratory Protective Equipment - A Practical Guide for Users')

PROTECTIVE EQUIPMENT

RESPIRATORY EQUIPMENT
No recommendation is given, but respiratory protection maybe required in confined spaces or on entering treated area immediately after application.

HAND PROTECTION
Protective gloves are recommended.

EYE PROTECTION
Wear approved safety goggles.

HYGIENE MEASURES
Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

SKIN PROTECTION
Wear standard coverall and type 3 suit.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Powder
COLOUR White / off-white
ODOUR Characteristic
SOLUBILITY Slightly soluble in water.
AUTO IGNITION \( >130 \)
TEMPERATURE (°C)

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Avoid exposure to high temperatures or direct sunlight.
10 MATERIALS TO AVOID
Flammable/combustible material.

11 HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION
Oral LD50 (rat) 1479 mg/kg Permethrin,
Oral LD50 (rat) 1260 mg/kg Potassium Chlorate.

INHALATION
Smoke may cause upper airway irritation.

INGESTION
Burning in mouth, vomiting, nausea, tremors and convulsions may occur.

SKIN CONTACT
Sensations of transient skin irritation may occur.

EYE CONTACT
Transient eye irritation may occur.

ROUTE OF ENTRY
Inhalation, skin contact and ingestion.

12 ECOLOGICAL INFORMATION

LC 50, 96 Hrs, FISH mg/l 0.0076
EC 50, 48 Hrs, DAPHNIA, mg/l 0.00017
IC 50, 72 Hrs, ALGAE, mg/l 0.497

DEGRADABILITY
Not readily bio-degradable.

ACUTE FISH TOXICITY
Very toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements. Incinerate in suitable combustion chamber.

14 TRANSPORT INFORMATION

UK ROAD CLASS 9
PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PERMETHRIN MIXTURE)
UN NO. ROAD 3077
ADR CLASS NO. 9
ADR PACK GROUP III
HAZCHEM CODE 90
RID CLASS NO. 9
STRIKEBACK FLEA KILLING FOGGER

UN NO. SEA  3077  IMDG CLASS  9
IMDG PACK GR.  III  EMS  F-A, S-F
MARINE POLLUTANT  UN NO. AIR  3077

AIR CLASS  9  AIR PACK GR.  III

15 REGULATORY INFORMATION

LABELLING

Harmful
Dangerous for the environment

CONTAINS
PERMETHRIN

RISK PHRASES
R43 May cause sensitisation by skin contact.
R20/22 Harmful by inhalation and if swallowed.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES
S2 Keep out of the reach of children
S13 Keep away from food, drink and animal feeding stuffs.
S16 Keep away from sources of ignition - No smoking.
S20/21 When using do not eat, drink or smoke.
S23 Do not breathe vapour/spray.
S24 Avoid contact with skin.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S57 Use appropriate containment to avoid environmental contamination.
S60 This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES
This product is approved under the Control of Pesticides Regulations 1986 HSE No. 8597.

16 OTHER INFORMATION

GENERAL INFORMATION
This product is approved under the Control of Pesticides Regulations 1986 (as amended). The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.

ISSUED BY
HS&E Manager.

DATE  24/04/2008

RISK PHRASES IN FULL
R20/22 Harmful by inhalation and if swallowed.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R9 Explosive when mixed with combustible material.
DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.