

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : Gazelle SG
Product code : NI 021 C0052
Type of formulation : Water soluble granules (SG)
Active Ingredient : Acetamiprid

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category : Plant protection product for professional use. Agriculture.
Use of the substance/mixture : Insecticide.

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheetSupplier:

Nisso Chemical Europe GmbH
Berliner Allee 42
40212 Düsseldorf, Allemagne
T.: +49(0) 211 130 66 86 0
F.: +49(0) 211 328231
sds@nisso-chem.de

Distributor:

CERTIS UK
Suite 5, 3 Riverside
Granta Park
Great Abington
Cambridgeshire CB21 6AD
United Kingdom
Tel: +44 (0)845 373 0305
Fax: +44 (0)1223 891210
Email: certis@certiseurope.co.uk
Website: www.certiseurope.co.uk

1.4. Emergency telephone number

Emergency number : Certis Carechem24 multilingual 24 hours emergency number: +44 (0) 870 190 6777.
For advice on medical emergencies, fires, spillages or chemical hazards only –phone: 0870 190 6777.
For further advice for medical professionals - The National Poisons Information Service:
Tel: 0870 600 6266 (UK only) or Dublin Tel: 0035 3 137 99 64/379966.
For further advice for veterinary surgeons: 020 7635 9195.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Oral) H302

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Full text of H-phrases: see section 16.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

GHS09

Signal word (CLP)

: Warning

Hazardous ingredients

: Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts

Hazard statements (CLP)

: H302 - Harmful if swallowed.
 H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P264 - Wash hands thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P273 - Avoid release to the environment.
 P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site.
 except for empty clean containers which can be disposed of as non-hazardous waste.

EUH phrases

: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acetamidrid	(CAS No) 135410-20-7 (EC index no) 608-032-00-2	20,2	Acute Tox. 4 (Oral), H302 Aquatic Chronic 3, H412
Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts	(CAS No) 90194-45-9 (EC no) 290-656-6	2,4	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In the event of any complaints or symptoms, avoid further exposure.
First-aid measures after inhalation	: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist call a doctor.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of soap and water. Remove contaminated clothing and shoes. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist.
First-aid measures after ingestion	: IF SWALLOWED: Immediately call a POISON CENTER or doctor. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: No information available
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray Dry chemical powder Alcohol resistant foam Carbon dioxide (CO ₂).
Unsuitable extinguishing media	: Jet of water.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustion or thermal decomposition may generate toxic vapours: chlorine compounds, nitrogen oxides, carbon monoxide, hydrocarbons.
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5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Fight fire from safe distance and protected location. Do not breathe fumes Cool closed containers exposed to fire with water spray If possible, take the containers out of dangerous zone. Contain fire-fighting water with dikes or absorbents to prevent migration and entry into sewers or streams.
Protection during firefighting	: Wear suitable protective clothing, gloves, eye/face protection and respiratory protection Wear a self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Protective equipment	: Wear suitable protective clothing, gloves and eye or face protection.
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Emergency procedures : Evacuate area.

Ensure adequate ventilation.

Avoid direct contact with the substance.

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

Notify the authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Obey Federal, State and local regulations for Health & Safety and environmental protection when accidental spills is treated.

Methods for cleaning up : Small quantities of liquid spill: mix with soap solution Wash down with an excess of water

Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

6.4. Reference to other sections

Reference to other sections (8, 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Read label before use.

Avoid contact with eyes, skin, nose and mouth.

Do not breathe dust.

Wear suitable protective clothing, gloves and eye/face protection.

Opened containers must be carefully closed and kept upright to avoid leakage.

Hygiene measures : Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Contaminated work clothing should not be allowed out of the workplace.

Do not eat, drink or smoke when using this product.

Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide adequate ventilation.

Storage conditions : Prevent unauthorised access.

Keep locked up and out of the reach of children.

Keep in original containers, tightly closed.

Keep away from food, drink and animal feedingstuffs.

Protect against frost.

Store in a cool, dry, well-ventilated place.

Keep away from heat and direct sunlight.

Avoid contact with : Water. Acids. Bases.

7.3. Specific end use(s)

Insecticide for agricultural use. Refer to the label.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Active ingredient : TLV/ACGIH Not listed.

8.2. Exposure controls

Appropriate engineering controls	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. General and/or local exhaust ventilation should be used to control atmosphere in work area.
Hand protection	: Wear impervious gloves resistant to chemical. Gloves materials: e.g. Outside: rubber, vinyl chloride resin. Inside: cotton, rayon.
Eye protection	: Safety goggles.
Skin and body protection	: Protective clothing with long sleeves waterproof and resistant to chemicals. Rubber boots.
Respiratory protection	: Wear appropriate dust mask protection.
Hygiene measures	: Do not eat, drink or smoke while handling the product. Clean gloves with soap and water before removing. Wash hands and face with soap and water before eating, drinking or smoking. Clean equipment, premises and work clothes regularly. Work clothing should remain on the work area and stored separately from street clothes.
Environmental exposure controls	: Discharge into the environment must be avoided. Do not contaminate surface and groundwater.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Granular solid.
Colour	: Blue.
Odour	: Weak odor.
Odour threshold	: No data available
pH	: > 4 but < 10
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable.
Freezing point	: Not applicable.
Boiling point	: Not applicable.
Flash point	: Not applicable.
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available.
Flammability (solid, gas)	: This product doesn't have auto flammability in normal condition.
Vapour pressure	: Not applicable.
Relative vapour density at 20 °C	: Not applicable.
Relative density	: Pour density :0,673g/mL , Tap density :0,739g/mL
Solubility	: Soluble.
Log Pow	: 0,79
Log Kow	: No data available.
Viscosity, kinematic	: No data available.
Viscosity, dynamic	: No data available.
Explosive properties	: It is not explosive.
Oxidising properties	: No oxidising properties.
Explosive limits	: No data available.

9.2. Other information

Other properties : Surface tension : 32mN/m => 20 °C

SECTION 10: Stability and reactivity
10.1. Reactivity

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

Is not explosive and does not exhibit oxidant properties.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Strong oxidizing agents.

Strong acids.

strong bases.

10.6. Hazardous decomposition products

Combustion or thermal decomposition may generate toxic vapours: Carbon oxides, nitrogen oxides, hydrogen chloride and organic compounds.

SECTION 11: Toxicological information
11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

Gazelle SG	
LD50 oral rat	1065 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat	> 3,5 mg/l/4h

Skin corrosion/irritation : Not classified (Non irritant to rabbit skin)

Serious eye damage/irritation : Not classified (Not irritating to rabbit eyes)

20% Soluble Powder was used for this test.

Respiratory or skin sensitisation : Non-sensitising.

Germ cell mutagenicity : Not classified.

Acetamiprid (135410-20-7)

Ames test : Negative

Chromosomal aberration test : Positive

Micronucleous test (mouse) : Negative

UDS study : Negative

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Other information : Tetragenicity: Negative (rat); Negative (rabbit)

Chronic Toxicity

Gazelle SG	
NOAEL (rat)	7,1 mg/kg/day (male) – 2 years 8,8 mg/kg/day (female) – 2 years
NOAEL (mouse)	20,3 mg/kg/day (male) – 1,5 years 25,2 mg/kg/day (female) – 1,5 years

SECTION 12: Ecological information
12.1. Toxicity

Gazelle SG	
LC50 Fishes	> 100 mg/l (96hr)
EC50 Daphnia	> 159 mg/l (48hr)
ErC50 Algae (<i>Scenedesmus subspicatus</i>)	> 97,8 mg/l (72hr)

12.2. Persistence and degradability

Acetamiprid (135410-20-7)	
Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

Acetamiprid (135410-20-7)	
Bioaccumulative potential	This product is not bioaccumulable.

12.4. Mobility in soil

Not applicable.

12.5. Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent and very bioaccumulative (vPvB).

12.6. Other adverse effects

Other adverse effects : Not available.

SECTION 13: Disposal considerations
13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

UN-No. : 3077

UN-No.(IATA) : 3077

14.2. UN proper shipping name

Proper Shipping Name : ENVIRONMETALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (Acetamiprid mixture)

Transport document description : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, 9, III, (E)

14.3. Transport hazard class(es)

Class (UN) : 9
Class (IATA) : 9 - Miscellaneous dangerous goods.
Hazard labels (UN) : 9



14.4. Packing group

Packing group (UN) : III

14.5. Environmental hazards

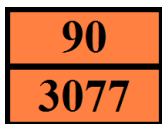
Dangerous for the environment :
Marine pollutant :



14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 90
Orange plates :



14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product