

SAFETY DATA SHEET

ANTI ADHERENT GAZON

Version:4

Review date: 3/06/2015

RE EC/453/2010 - ISO 11014-1

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Product identifier: ANTI ADHERENT GAZON
1. 2. Relevant identified uses of the substance or mixture and uses advised against: For more information, to consult the chart.
1. 3. Details of the supplier of the safety data sheet: SELD
6 rue Jules Guesde – ZI du Pontet
F-69360 Saint Symphorien d'Ozon
France
Phone: +33 (0)4 37 25 16 16
Fax: +33 (0)4 78 21 80 70
E-mail: contact@mecatech-performances.com
1. 4. Product code nr: 442012
1. 5. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Flam. Aerosol 1 / SGH02 - H222 *
* STOT SE 3 / SGH07 - H336 *
* Aquatic. Chronic 2 / SGH09 - H411 *
2. 2. EC number: Not applicable.
2. 3. Contains: • Methoxy propoxy propanol
• Hydrocarbures, C6 isocalcanes, <5% n-hexane
2. 4. Label elements (R - S):
- 
2. 4. 1. Symbol(s): F+ - Extremely flammable ; Xi - Irritant ; N - Dangerous for the environment
2. 4. 2. R-phrase(s): 12 Extremely flammable.
38 Irritating to skin.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67 Vapours may cause drowsiness and dizziness
2. 4. 3. S-phrase(s): 2 Keep out of the reach of children.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe gas / fumes / vapour / spray.
24 Avoid contact with skin.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
2. 5. Label elements (CLP - SGH):
- 
- Danger
2. 5. 1. Symbol(s) and signal word: .
2. 5. 2. Hazard statement: H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H411 Toxic to aquatic life with long lasting effects.
H336 May cause drowsiness or dizziness.
2. 5. 3. Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P273 Avoid release to the environment.

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2. 5. 4. Response:	P261 Avoid breathing dust / fume / gas / mist / vapours / spray. P271 Use only outdoors or in a well-ventilated area. P391 Collect spillage. P304 IF INHALED: P340 Remove person to fresh air and keep comfortable for breathing. P312a Call a POISON CENTER / doctor if you feel unwell.
2. 5. 5. Storage:	P410 Protect from sunlight. P412 Do not expose to temperatures exceeding 50 °C / 122°F. P403 Store in a well-ventilated place. P233 Keep container tightly closed. P405 Store locked up.
2. 5. 6. Disposal:	P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 6. Further information(s):	68.038 % by mass of the contents are flammable.
2. 7. Most important hazards:	Case aerosol under pressure Aerosols
2. 8. Other hazards:	Extremely flammable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:

- Dioxyde de carbone
- CE nr: 204-696-9 - CAS nr: 124-38-9
- Conc. (weight %) : 1 < C ≤ 5
- SGH :
* SGH04 - Gas cylinder - Warning - Compressed gases - H280
- VME ppm = 5000 - VME mg/m³ = 9000 - VLE ppm = 30000 - VLE mg/m³ = 54000
- Methoxy propoxy propanol
- Id nr: 603-064-00-3 - CE nr: 203-539-1
- REACH registration number : 01-2119457435-35-0001
- Conc. (weight %) : 1 < C ≤ 5
- R-S :
Classification: • R10 • R67 •
- SGH :
* SGH02 - Flame - Warning - Flam. Liq. 3 - H226
* SGH07 - Exclamation mark - Warning - STOT SE 3 - H336
- VME ppm = 100 - VME mg/m³ = 375 - VLE ppm = 150 - VLE mg/m³ = 568
- Hydrocarbures, C6, isoalcanes, <5% n-hexane
- CE nr: 931-254-9
- REACH registration number : 01-2119484651-34
- Conc. (weight %) : 30 < C ≤ 40
- R-S :
Symbol(s): F Xn N - R-phrased(s): 11-65-66-67-51/53
- SGH :
* SGH02 - Flame - Danger - Flam. Liq. 2 - H225
* SGH08 - Health hazard - Danger - Asp. Tox. 1 - H304
- Hydrocarbures, C6 isoalcanes, <5% n-hexane
- CE nr: 931-254-9
- REACH registration number : 01-2119484651-34
- Conc. (weight %) : 30 < C ≤ 40
- R-S :
Symbol(s): F Xi N - R-phrased(s): 51-53-38-11-65-67
- SGH :
* SGH02 - Flame - Danger - Flam. Liq. 2 - H225
* SGH07 - Exclamation mark - Warning - STOT SE 3 - H336 * SGH08 - Health hazard - Danger -

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Asp. Tox. 1 - H304
* SGH09 - Environment - Aquatic. Chronic 2 - H411
- Miscellaneous :
LE50 / 48h / Daphnia magna = 31.9 mg/l
DSEO-R(NOELR) / / Daphnia magna = 7.14 mg/l
DSEO-R(NOELR) / / Oncorhynchus mykiss = 4.09 mg/l
DSEO-R(NOELR) / 72h / Pseudokirchneriella subcapita = 3 mg/l
LL50 / 96h / Oncorhynchus mykiss = 18.3 mg/l
LD50 / Skin contact / 4h / Rabbit = >3350 mg/kg
LD50 / Oral / Rat = > 16750 mg/kg
LC50 / Inhalation (vapours) / 4h / Rat = 259354 mg/m3

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

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| 4. 1. 1. General advice: | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
For symptom description, see item 11. |
| 4. 1. 2. Inhalation: | Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. |
| 4. 1. 3. Skin contact: | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. |
| 4. 1. 4. Eye contact: | Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice. |
| 4. 1. 5. Ingestion: | Rinse mouth. |

4. 2. Most important symptoms and effects, both acute and delayed:

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|------------------------|--|
| 4. 2. 1. Inhalation: | Irritating to the respiratory system, may cause throat pain and cough. |
| 4. 2. 2. Skin contact: | Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. |
| 4. 2. 3. Eyes contact: | Splashes in the eyes may cause irritation and reversible local damage. |
| 4. 2. 4. Ingestion: | nausea, vomiting |

4. 3. Indication of any immediate medical attention and special treatment needed :
In all cases of doubt, or when symptoms persist, seek medical attention.

5. FIREFIGHTING MEASURES

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| 5. 1. Extinguishing media: | alcohol-resistant foam, carbon dioxide (CO ₂), powder, water spray. |
| 5. 2. Special hazards arising from the substance or mixture: | Be careful of explosion risk.
Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.
Fire will produce dense black smoke. |
| 5. 3. Advice for firefighters: | Use a self-contained breathing apparatus and also a protective suit. |
| 5. 4. Specific method(s): | Cool closed containers exposed to fire with water spray. |
| 5. 5. Extinguishing media which must NOT be used for safety reasons: | Do not use water jet. |

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6. ACCIDENTAL RELEASE MEASURES

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| 6. 1. Personal precautions, protective equipment and emergency procedures: | Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8. |
| 6. 2. Environmental precautions: | Do not allow to enter drains or water courses. |
| 6. 3. Methods and material for containment and cleaning up: | Clean preferably with a detergent - Avoid the use of solvents.
Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). |
| 6. 4. Reference to other sections: | Concerning personal protective equipment to use, see item 8.
Concerning disposal elimination after cleaning, see item 13. |

7. HANDLING AND STORAGE

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| 7. 1. Handling: | |
| 7. 1. 1. Precautions for safe handling: | Smoking, eating and drinking is prohibited in areas of storage and use.
Avoid contact with skin and eyes.
For personal protection, see Section 8.
The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments. |
| 7. 1. 2. Technical condition(s): | Provide for appropriate exhaust ventilation at places of vapours accumulation. |
| 7. 1. 3. Safe handling advice(s): | Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. |
| 7. 2. Storage: | |
| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | No smoking. Prevent unauthorised access.
* > or = 10000 kg => CPR 15 - 2
* < 10000 kg => CPR 15 - 1 |
| 7. 2. 2. Storage condition(s): | Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Store at temperatures between 5°C and 50°C |
| 7. 2. 3. Separation of incompatible product(s): | Store separately from oxidising agents and strongly alkaline and strongly acidic materials. |
| 7. 2. 4. Packaging / tank material: | made of the same material as the supply container. |
| 7. 3. Specific end use(s): | None reasonably foreseeable. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- | | |
|------------------------------------|--|
| 8. 1. Control parameters: | |
| 8. 1. 1. Exposure limit(s): | • Dioxyde de carbone : VME ppm = 5000 - VME mg/m³ = 9000 - VLE ppm = 30000 - VLE mg/m³ = 54000
• Methoxy propoxy propanol : VME ppm = 100 - VME mg/m³ = 375 - VLE ppm = 150 - VLE mg/m³ = 568 |
| 8. 1. 2. Engineering measure(s): | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. |
| 8. 2. Exposure controls: | |
| 8. 2. 1. Respiratory protection: | In order to avoid inhalation of mist/vapour, all spraying must be done wearing adequate respirator. |
| 8. 2. 2. Hand protection: | Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred. |
| 8. 2. 3. Skin and body protection: | Wear suitable protective clothing |

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8. 2. 4. Eye protection: Eye protection designed to protect against liquid splashes should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

9. 1. 1. Appearance: aerosol: aerosol + propellant gas no flammable
9. 1. 2. Colour: colourless
9. 1. 3. Odour: characteristic
9. 1. 4. PH: 7
9. 1. 5. Boiling point/range: Not determined.
9. 1. 6. Flash point: -35 °C
9. 1. 7. Explosion limits: Not applicable.
9. 1. 8. Relative density (w ater = 1): 0.9173 g/cm³
9. 1. 9. Viscosity: Not determined.

9. 2. Other information:

9. 2. 1. Water solubility: insoluble
9. 2. 2. Fat solubility: completely soluble
9. 2. 3. Solvent solubility: completely soluble

10. STABILITY AND REACTIVITY

10. 1. Reactivity: No decomposition if stored and applied as directed.
10. 2. Chemical stability: Stable under the recommended storage and handling conditions. (See Section 7).
10. 3. Possibility of hazardous reactions: Not waited
10. 4. Conditions to avoid: Avoid temperature above 50°C
10. 5. Incompatible materials: Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.
10. 6. Hazardous decomposition products: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide...

11. TOXICOLOGICAL INFORMATION

11. 1. Information on toxicological effects: There is no data available on the product itself.
11. 2. Acute toxicity:
11. 2. 1. Inhalation: see item nr 3
11. 2. 2. Skin contact: see item nr 3
11. 2. 3. Eyes contact: see item nr 3
11. 2. 4. Ingestion: see item nr 3

12. ECOLOGICAL INFORMATION

12. 1. Toxicity: Ecological problems are not known or expected under normal use.
12. 2. Persistence and degradability: Readily biodegradable.

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12. 3. Bioaccumulative potential:	None bioaccumulation.
12. 4. Mobility in soil:	For other physicochemical properties see heading 9
12. 5. Results of PBT and vPvB assessment:	This product n' is not a substance PBT or vPvB, or n' in does not contain.
12. 6. Other adverse effects:	No expected harmful effects.
12. 7. General information(s):	There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods:	Collect all waste in suitable and labelled containers and dispose according to local legislation.
13. 2. Contaminated packaging:	Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

14. TRANSPORT INFORMATION

14. 1. General information(s):	Transport followed ADR, IMDG, IATA
14. 2. UN number:	1950
14. 2. 1. UN proper shipping name:	AEROSOL
14. 3. Land (Road / Railway: ADR/RID):	
14. 3. 1. Transport hazard class(es):	2
14. 3. 2. ADR/RID-Labels:	2.1
14. 3. 3. Classification code:	5F
14. 3. 4. Packing instructions:	P204
14. 4. Sea (IMDG):	
14. 5. Air (ICAO/IATA):	
14. 6. Environmental hazards:	May be dangerous for environment.
14. 7. Special precautions for user:	Concerning personal protective equipment to use, see item 8.
14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.

15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture:	Payment 1907/2006 concerning the recording, the evaluation and the authorization of chemical substances, as well as the restrictions applicable to these substances.... as modified.
15. 2. Chemical safety assessment:	No data available.

16. OTHER INFORMATION

16. 1. Text of the phrases listed in section 3:	H280 Contains gas under pressure; may explode if heated. H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H411 Toxic to aquatic life with long lasting effects.
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16. 2. Important remarks:

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The user is always responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

16. 3. Restrictions:

The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.

16. 4. History:

16. 4. 1. First edition date: 14/04/2005

16. 4. 2. Previous revision date: 22/01/2014

16. 4. 3. Review date: 3/06/2015

16. 4. 4. Version: 4

16. 4. 5. Review chapter(s) n°: CLP

16. 5. Written by: SELD