

In accordance with Annex II of Regulations (EC) 1907/2006 as amended by Regulation (EU) 830/2015

01 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: **Solvent AG**

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

Identified uses:

Label and Glue Remover

Uses advised against:

Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Company Name:

Gannon Chemicals Ltd
Ballindine, Claremorris
Co. Mayo, Ireland
paul@gannonchemicals.ie
094 9364011 DAY (Mon – Fri 9am to 5.30pm)

Email address of SDS author

Emergency Phone Number

* 02 Hazards identification

- * • Classification of the substance or mixture
- * • Classification according to Regulation (EC) No 1272/2008



GHS05

Eye Dam. 1 - H318 Causes serious eye damage.



GHS07

STOT SE 3 - H335 May cause respiratory irritation.

- * • Label elements
- * • Labelling according to Regulation (EC) No 1272/2008



GHS05 GHS07

- * • Signal word
- * • Danger

- * • Hazard statements
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
- * • Precautionary statements
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

- **Other hazards**
- *Results of PBT and vPvB assessment*
- PBT:
Not applicable.
- vPvB:
Not applicable.

03 Composition/information on ingredients

- **Chemical characterization:**
- *Description:*
Mixture of substances listed below with nonhazardous additions.
- *Dangerous components:*

CAS N°	Description/Index R-phrases	%
* 67762-38-3	<i>Fatty acids, C16-18 and C18-unsaturated, Me esters</i> <i>EC number: 267-015-4</i> <i>Record number 01-2119471664-32-0136</i>	40,00- 60,00
* 97-64-3	<i>ethyl lactate</i> <i>EC number: 202-598-0</i> <i>Eye Dam. 1 - H318; Flam. Liq. 3</i>	40,00- 60,00

04 First aid measures

- *Description of first aid measures*
- **General information:**
Immediately remove any clothing soiled by the product.
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water.
Call a doctor immediately.
- **After swallowing:**
Do not induce vomiting; call for medical help immediately.
- *Most important symptoms and effects, both acute and delayed*
No further relevant information available.
- *Indication of any immediate medical attention and special treatment needed*
No further relevant information available.

05 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents:**
Water with full jet
- **Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released:
Carbon monoxide (CO)
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.

06 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/ aerosol.
Avoid contact with the eyes and skin.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Prevent from spreading (e.g. by damming-in or oil barriers).
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

07 Handling and storage

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- **Handling:**
- **Precautions for safe handling**
Avoid contact with the eyes and skin.
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
Store in cool, dry place in tightly closed receptacles.
- **Further information about storage conditions:**
Keep container tightly sealed.
- **Specific end use(s)**
No further relevant information available.
- **Control parameters**
- **DNEL WORKERS**
Long term exposure - systemic effects, Dermal : DNEL = 10 mg/Kg/day
Long term exposure - systemic effects, Inhalation : DNEL = 6,96 mg/m³
- **DNEL GENERAL POPULATION**

08 Exposure controls/personal protection

Long term exposure - systemic effects, Oral : DNEL : 5 mg/Kg/day
 Long term exposure - systemic effects, Dermal : DNEL = 5 mg/Kg/day
 Long term exposure - systemic effects, Inhalation : DNEL = 23 mg/m³

- PNEC WATER
 PNEC (freshwater) : 2,504 mg/L
 PNEC (marine water):0,2504 mg/L
 PNEC (intermittent releases) :25,04 mg/L

- PNEC SEWAGE TREATMENT PLANT
 PNEC (STP) : 520mg/L
- **Ingredients with limit values where monitoring at the workplace is recommended :**
 The product does not contain any relevant quantities of materials with critical values where monitoring at the workplace is recommended.
- **Additional information:**
 The lists valid during the making were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures are to be adhered to when handling chemicals.
 Immediately remove all soiled and contaminated clothing
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the eyes and skin.
 Eye wash station at proximity.
- **Respiratory protection:** *In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.*
- **Protection of hands:** *The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. PVC gloves*
- **Eye protection:** *Tightly sealed goggles Face protection*
- **Body protection:** *Protective work clothing Boots*

09 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Light yellow, Yellow
Odour:	Pungent
Odour threshold:	Not determined.
pH-value:	6,0 - 8,5 (100,000 g/l eau/pr g/l water/propanol-

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	164,0 °C

Flash point:	61,7 °C
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Self-igniting:	Not determined.
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Danger of explosion:	Not determined.
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Density:	0,9400 - 0,9500 g/cm ³ @ 25°C
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Solubility in / Miscibility with

water:	Insoluble.
Soluble in/miscible with	toluene isopropanol

Viscosity:

Dynamic:	at 25,00 °C	100 cP
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11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- *LD/LC50 values relevant for classification:*
 - 67762-38-3** **Fatty acids, C16-18 and C18-unsaturated, Me esters**
 - Oral, DL50: > 5000 mg/kg (rat)
 - Dermal, DL50: > 2000 mg/kg (Rabbit)
- **Irritation / Corrosivity**
- on the skin:
 - No irritant effect.
- on the eye:
 - Strong irritant with the danger of severe eye injury.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- Carcinogenicity
 - Not classified (data available on the substance).
- Mutagenicity
 - Not classified (data available on the substance).
- Reproductive toxicity
 - Not classified (data available on the substance).

12 Ecological information

- **Toxicity**
- Aquatic toxicity:
 - 67762-38-3** **Fatty acids, C16-18 and C18-unsaturated, Me esters**
 - daphnia, CE50 : 2504 mg/l (OECD 202)
- **Persistence and degradability**
- **Additional ecological information:**
- **General notes:**
 - Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:**
 - Not applicable.
- **vPvB:**
 - Not applicable.
- **Other adverse effects**
 - No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must be specially treated adhering to official regulations.

Contact manufacturer for recycling information.

Do not empty into drains and avoid release to the environment. This product must be disposed in a certificated hazardous or special waste collection point.

- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

If recycling is not possible, dispose according to the local regulations.

14 Transport information

- **UN-Number**

ADR Void

IMDG Void

IATA Void

- **UN proper shipping name**

ADR Void

IMDG Void

IATA Void

- **Transport hazard class(es)**

ADR Void

Class Void

IMDG Void

Class Void

IATA Void

Class Void

- **Packing group**

ADR Void

IMDG Void

IATA Void

- **Environmental hazards:**

Not applicable.

* **Segregation groups** not applicable

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **Transport/Additional information:**

Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Labelling according to Regulation (EC) No 1272/2008**

This safety data sheet is in compliance with the Regulation (EC) N° 1907/2006

- **Chemical safety assessment:**

- **Other data**

Contact point : sds.contact@stepaneurope.com

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases

H226	Flammable liquid and vapour.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

- **Department issuing MSDS:**

Regulatory Affairs Departement

Particular information

Alterations are indicated by asterisk *.

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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