

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.06.2015

Version number 1

Revision: 18.06.2015

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Trade name:** ADERCO L1050

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

**Application of the substance / the preparation:** Fuel Additive

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

Aderco International SA.  
1, Chemin du Joran  
1260 Nyon, Switzerland  
Phone: +41 22 362 3904  
email: adimch@aderco.com

**Further information obtainable from:**

B-Lands Consulting  
WTC, 5 Place Robert Schuman, BP 1516  
38025 Grenoble, FRANCE  
Tel: +33 476 295 869  
Fax: +33 476 295 870  
Email: clients@reachteam.eu  
www.reachteam.eu

#### 1.4 Emergency telephone number:

NHS Direct: 111 (England and Scotland), 0845 46 47 (Wales).  
Ireland - National Poisons Information Centre: +353 1 8379964.  
UK +44 845 46 47

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

This product is not classified as hazardous according to Regulation (EC) No 1272/2008.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:** Not applicable.

**Hazard pictograms:** Not applicable.

**Signal word:** Not applicable.

**Hazard statements:** Not applicable.

#### 2.3 Other hazards

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Mixture consisting of the following components.

**Hazardous components:** Not applicable.

**Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:** No special measures required.

**After inhalation:** Move patient to fresh air, if symptoms persist consult a doctor.

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**Trade name:** ADERCO L1050**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

**5.3 Advice for firefighters**

**Protective equipment:** Wear self-contained respiratory protective device.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Remove persons from danger area.

**6.2 Environmental precautions** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:**

Protect from heat.

Keep ignition sources away - Do not smoke.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements to be met by storerooms and receptacles:** No special requirements.

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

**Further information about storage conditions:**

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

Store in a cool place.

**7.3 Specific end use(s):** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

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

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment

##### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals. Ensure that washing facilities are available at the work place.

**Respiratory protection:** Not required.

#### Protection of hands:



Protective gloves.

PVC gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture.

Select the glove material based on a consideration of the penetration times, rates of diffusion and the degradation.

#### Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material:

The exact break through time must be determined by the manufacturer of the protective gloves.

**Eye protection:** Goggles recommended during refilling

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

**Form:** Liquid.  
**Colour:** Yellow.

**Odour:** Undetermined  
**Odour threshold:** Not determined.  
**pH-value:** Not determined.

**Melting point/Melting range:** < - 21 °C

**Boiling point/Boiling range:** Not determined.

**Flash point:** 159 °C

**Flammability (solid, gaseous):** Not applicable.

**Ignition temperature:** Not determined.

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<b>Decomposition temperature:</b>	Not determined.
<b>Self-igniting:</b>	Not determined.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Oxidising properties</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density at 20 °C:</b>	0.8 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C:</b>	21.45 cSt
<b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity** No data available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with oxidising agents.

Reacts with reducing agents.

**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials** No further relevant information available.**10.6 Hazardous decomposition products** Carbon monoxide and carbon dioxide.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity****Primary irritant effect:****Skin corrosion/irritation:** May cause irritation.**Serious eye damage/irritation:** May cause irritation.**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.

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**Trade name:** ADERCO L1050**Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

**12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods****Recommendation:** Must be specially treated adhering to official regulations.**Uncleaned packaging****Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

**14.1 UN Number****ADR, ADN, IMDG, IATA** Not applicable.**14.2 UN proper shipping name****ADR, ADN, IMDG, IATA** Not applicable.**14.3 Transport hazard class(es)****ADR, ADN, IMDG, IATA**  
**Class** Not applicable.**14.4 Packing group****ADR, IMDG, IATA** Not applicable.**14.5 Environmental hazards****Marine pollutant:** No**14.6 Special precautions for user** Not applicable.**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**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.2 Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

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## SECTION 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.

### Abbreviations and acronyms:

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

ICAO: International Civil Aviation Organisation

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)