

Substance Name: Carboxylic acids, di-, C4-6

EC Number: 271-678-5

CAS Number: 68603-87-2

CLASSIFICATION AND LABELLING

3.1. Classification and labelling according to CLP / GHS

Name: Carboxylic acids, di-, C4-6

Implementation: EU

Remarks: Classification and Labelling proposal

Classification

The substance is classified as follows:

- for physical-chemical properties:

Explosives: Reason for no classification: conclusive but not sufficient for classification

Flammable gases: Reason for no classification: conclusive but not sufficient for classification

Flammable aerosols: Reason for no classification: conclusive but not sufficient for classification

Oxidising gases: Reason for no classification: conclusive but not sufficient for classification

Gases under pressure: Reason for no classification: conclusive but not sufficient for classification

Flammable liquids: Reason for no classification: conclusive but not sufficient for classification

Flammable solids: Reason for no classification: conclusive but not sufficient for classification

Self-reacting substances and mixtures: Reason for no classification: conclusive but not sufficient for classification

Pyrophoric liquids: Reason for no classification: conclusive but not sufficient for classification

Pyrophoric solids: Reason for no classification: conclusive but not sufficient for classification

Self-heating substances and mixtures: Reason for no classification: conclusive but not sufficient for classification

Substances and mixtures which in contact with water emits flammable gases: Reason for no classification: conclusive but not sufficient for classification

Oxidising liquids: Reason for no classification: conclusive but not sufficient for classification

Oxidising solids: Reason for no classification: conclusive but not sufficient for classification

Organic peroxides: Reason for no classification: conclusive but not sufficient for classification

Corrosive to metals: Reason for no classification: conclusive but not sufficient for classification

- for health hazards:

Acute toxicity - oral: Reason for no classification: conclusive but not sufficient for classification

Acute toxicity - dermal: Reason for no classification: conclusive but not sufficient for classification

Acute toxicity - inhalation: Reason for no classification: conclusive but not sufficient for classification

Skin corrosion/irritation: Reason for no classification: conclusive but not sufficient for classification

Serious damage/eye irritation: Eye Damage 1 (Hazard statement: H318: Causes serious eye damage.)

Respiration sensitization: Reason for no classification: data lacking

Skin sensitization: Reason for no classification: conclusive but not sufficient for classification

Aspiration hazard: Reason for no classification: data lacking

Reproductive Toxicity: Reason for no classification: data lacking

Reproductive Toxicity: Effects on or via lactation: Reason for no classification: data lacking

Germ cell mutagenicity: Reason for no classification: conclusive but not sufficient for classification

Carcinogenicity: Reason for no classification: data lacking

Specific target organ toxicity - single: Reason for no classification: conclusive but not sufficient for classification

Specific target organ toxicity - repeated: Reason for no classification: conclusive but not sufficient for classification

- for environmental hazards:

Hazards to the aquatic environment: Reason for no classification: conclusive but not sufficient for classification

Hazardous to the atmospheric environment:

Reason for no classification: conclusive but not sufficient for classification

Labelling

Signal word: Danger

Hazard pictogram:

GHS05: corrosion



Hazard statements:

H318: Causes serious eye damage.

3.2. Classification and labelling according to DSD / DPD

3.2.1. Classification and labelling in Annex I of Directive 67/548/EEC

3.2.2. Self classification(s)

Chemical name: Carboxylic acids, di-, C4-6

Table 1. Classification according to Directive 67/548/EEC criteria

Endpoints	Classification	Reason for no classification	Justification for (non) classification can be found in section
Explosiveness		conclusive but not sufficient for classification	6.1
Oxidising properties		conclusive but not sufficient for classification	6.3
Flammability		conclusive but not sufficient for classification	6.2
Thermal stability		conclusive but not sufficient for classification	
Acute toxicity		conclusive but not sufficient for classification	5.2
Acute toxicity- irreversible damage after single exposure		conclusive but not sufficient for classification	5.2

Repeated dose toxicity		conclusive but not sufficient for classification	5.6
Irritation / Corrosion	Xi; R41 Irritant; Risk of serious damage to eyes.		5.3.4 and 5.4.3
Sensitisation		conclusive but not sufficient for classification	5.5.3
Carcinogenicity		data lacking	5.8.3
Mutagenicity - Genetic Toxicity		conclusive but not sufficient for classification	5.7.3
Toxicity to reproduction-fertility		data lacking	5.9.3
Toxicity to reproduction-development		data lacking	5.9.3
Toxicity to reproduction - breastfed babies		data lacking	5.9.3
Environment		conclusive but not sufficient for classification	7.6

Labelling

Indication of danger:

Xi - irritant

R-phrases:

R41 - risk of serious damage to eyes

S-phrases:

S26 - in case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S39 - wear eye/face protection
