SAFETY DATA SHEET

Aerosol Solutions Linemarker (All Colours)

According to Regulation (EC) No 1907/2006, Annex II

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

1.1. Product identifier

Product name Aerosol Solutions Linemarker (All Colours)

Container size 750ml Aerosol

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

Identified uses Marker Paint

1.3. Details of the supplier of the safety data sheet

Supplier Aerosol Solutions Limited

Unit C, Bridgefield Industrial Estate

Draycott Road Breaston Derby DE72 3DS

Tel: 01332 870030 Fax:01332 870033

Web: www.aerosolsolutions.co.uk

1.4. Emergency telephone number

Emergency telephone Aerosol Solutions ++44 (0) 1332 870 030 (Mon-Fri 09:00-17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram





Signal word Danger

Hazard statements H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Aerosol Solutions Linemarker (All Colours)

Precautionary statements 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.

P271 Use only outdoors or in a well-ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/ doctor if you feel unwell.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/ container in accordance with national regulations.

P102 Keep out of reach of children.

Contains ACETONE, BUTYL ACETATE -norm, SOLVENT NAPHTHA, LIGHT AROMATIC, 1,2,4-

TRIMETHYLBENZENE, CUMENE, MESITYLENE

statements

Supplementary precautionary P280 Wear protective gloves/ protective clothing/ eye protection.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

30-60%

CAS number: 68476-85-7 EC number: 270-704-2

Classification

Flam. Gas 1 - H220

Press. Gas, Liquefied - H280

ACETONE 10-30%

CAS number: 67-64-1 EC number: 200-662-2 REACH registration number: 01-

2119471330-49-XXXX

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

BUTYL ACETATE -norm 5-10%

CAS number: 123-86-4 EC number: 204-658-1 REACH registration number: 01-

2119485493-29

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336

Aerosol Solutions Linemarker (All Colours)

SOLVENT NAPHTHA, LIGHT AROMATIC

5-10%

CAS number: 64742-95-6 EC number: 265-199-0

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H335, H336 Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

1,2,4-TRIMETHYLBENZENE

1-5%

CAS number: 95-63-6 EC number: 202-436-9 REACH registration number: 01-

2119472135-42

Classification

Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335

Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

CUMENE 1-5%

CAS number: 98-82-8 EC number: 202-704-5 REACH registration number: 01-

2119473983-24

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

MESITYLENE 1-5%

CAS number: 108-67-8 EC number: 203-604-4 REACH registration number: 01-

2119463878-19

Classification

Flam. Liq. 3 - H226

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

STOT SE 3 - H335

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move affected person to fresh air at once. Get medical attention if any discomfort continues. Never give anything by mouth to an unconscious person.

Aerosol Solutions Linemarker (All Colours)

Inhalation Move affected person to fresh air at once. If breathing stops, provide artificial respiration.

Keep affected person warm and at rest. Get medical attention immediately.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

Skin contact Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove any

contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to

rinse.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure. Prolonged and repeated contact with solvents over a long period may lead

to permanent health problems.

Inhalation Vapours may cause drowsiness and dizziness.

Ingestion Aspiration hazard if swallowed.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact May cause severe eye irritation.

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

Notes for the doctor The following symptoms may occur: Nausea, headache, dizziness, coughing and breathing

difficulty.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Unsuitable extinguishing

media

Do not use a solid water stream.

5.2. Special hazards arising from the substance or mixture

Specific hazards Pressurised container: Must not be exposed to temperatures above 50°C. Forms explosive

mixtures with air. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground and travel a considerable distance to a

source of ignition and flash back.

Hazardous combustion

products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and

other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during

firefighting

Containers can burst violently or explode when heated, due to excessive pressure build-up. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is

involved. Do not use water jet as an extinguisher, as this will spread the fire. Collect contaminated fire fighting water separately. Do not let enter the sewage system.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

For personal protection, see Section 8.

Aerosol Solutions Linemarker (All Colours)

For non-emergency personnel Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.

For emergency responders Wear anti-static protective clothing if there is a risk of ignition from static electricity. Wear

positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near

spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand

or earth and place into containers.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health

hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Read and follow manufacturer's

recommendations. Avoid inhalation of vapours and spray/mists. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Avoid inhalation of

vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and

open flame. Pressurised container: Must not be exposed to temperatures above 50°C.

Storage class Extremely Flammable Aerosol

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³ Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³ Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³ Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

SOLVENT NAPHTHA, LIGHT AROMATIC

Long-term exposure limit (8-hour TWA): WEL 25 ppm 50 mg/m3(Sk)

CUMENE

Aerosol Solutions Linemarker (All Colours)

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk) 125 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 250 mg/m3(Sk)

WEL = Workplace Exposure Limit

ACETONE (CAS: 67-64-1)

DNEL Consumer - Oral; Long term : 62 mg/kg/day

Consumer - Dermal; Long term : 62 mg/kg/day Industry - Dermal; Long term : 186 mg/kg/day Consumer - Inhalation; Long term : 200 mg/m³ Industry - Inhalation; Short term : 2420 mg/m³ Industry - Inhalation; Long term : 1210

PNEC - Fresh water; 10.6 mg/l

Marine water; 1.06 mg/lIntermittent release; 21 mg/l

- Soil; 29.5 mg/l

Sediment (Marinewater); 3.04 mg/kgSediment (Freshwater); 30.4 mg/kg

8.2. Exposure controls

Protective equipment











Appropriate engineering controls

Provide adequate ventilation.

Personal protection

Wear protective work clothing.

Eye/face protection

The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Laminate >480 minutes. For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body

protection

Provide eyewash station. Wear protective clothing. For the greatest protection, clothing should include anti-static overalls, boots and gloves. Wear anti-static protective clothing if there is a

risk of ignition from static electricity.

Hygiene measures Wash promptly if skin becomes contaminated. Ensure the ventilation system is regularly

maintained and tested. When using do not eat, drink or smoke.

Respiratory protectionNo specific recommendations. Respiratory protection must be used if the airborne

contamination exceeds the recommended occupational exposure limit. If ventilation is

inadequate, suitable respiratory protection must be worn.

Thermal hazards Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with

skin.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Aerosol.

Colour Various colours.

Aerosol Solutions Linemarker (All Colours)

Odour Organic solvents.

Melting point No information available.

Initial boiling point and range No information available.

Flash point Not available.

Vapour pressure 4.5 bar @ 20°C

Vapour density No information available.

Relative density 1.25-1.35 @ 20°C Density of paint base

Solubility(ies) Partially soluble in water.

Auto-ignition temperature No specific test data are available.

Viscosity No information available.

Comments A flash point method is not available but the major hazardous component, the Propellant has

a flash point of <-60°C with flammability limits of 10.9% vol. upper and 1.4% vol. lower.

9.2. Other information

Other information Not available.

Volatile organic compound This product contains a maximum VOC content of 717 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Highly volatile.

10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

No known hazardous reactions if stored under normal conditions. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or

direct sunlight.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and

products other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 666,666.67

General information Contains organic solvents Prolonged and repeated contact with solvents over a long period

may lead to permanent health problems.

Aerosol Solutions Linemarker (All Colours)

Inhalation The product contains organic solvents. Overexposure may depress the central nervous

system, causing dizziness and intoxication.

Ingestion Harmful: may cause lung damage if swallowed. Drowsiness, dizziness, disorientation, vertigo.

Skin contact Repeated exposure may cause skin dryness or cracking. Contains components which may

penetrate the skin.

Eye contact Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health

hazards

Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Arrhythmia (deviation from

normal heart beat). Defatting, drying and cracking of the skin.

Route of entry Inhalation Skin absorption

Target organs Central nervous system Respiratory system, lungs Kidneys

Medical symptoms Narcotic effect. Vapours may cause drowsiness and dizziness.

Toxicological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Acute toxicity - inhalation

Notes (inhalation LC₅₀) >20 mg/l, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Germ cell mutagenicity

Genotoxicity - in vitroThis substance has no evidence of mutagenic properties.

Carcinogenicity

Carcinogenicity No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Reproductive toxicity -

fertility

No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure Gas or vapour is harmful on prolonged exposure or in high concentrations. High

concentrations may be fatal.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation May cause respiratory system irritation.

Skin contact Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in

contact with skin.

Route of entry Inhalation Skin and/or eye contact

ACETONE

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 5840 mg/kg, Oral, Rat

Aerosol Solutions Linemarker (All Colours)

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,000.0

mg/kg)

Species Rabbit

Skin sensitisation

Skin sensitisation Epidemiological studies have shown no evidence of skin sensitisation.

Skin contact Irritating to skin.

Eye contact Irritating to eyes.

BUTYL ACETATE -norm

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

14,130.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 17,600.0

mg/kg)

Rabbit **Species**

Acute toxicity - inhalation

Acute toxicity inhalation

(LC50 vapours mg/l)

29.2

Species Rat

ATE inhalation (vapours

mg/l)

29.2

1,2,4-TRIMETHYLBENZENE

Acute toxicity - inhalation

Acute toxicity inhalation

18,000.0

18,000.0

(LC50 vapours mg/l)

Rat **Species**

ATE inhalation (vapours

mg/l)

CUMENE

Serious eye damage/irritation

Serious eye

Eyes - rabbit- No irritation

damage/irritation

MESITYLENE

Acute toxicity - inhalation

Aerosol Solutions Linemarker (All Colours)

Acute toxicity inhalation

24,000.0

(LC₅₀ vapours mg/l)

Serious eye damage/irritation

Serious eye damage/irritation

Eyes - Rabbit - Mild eye irritation - 24hrs

SECTION 12: Ecological Information

EcotoxicityThe product contains a substance which is harmful to aquatic organisms and which may

cause long-term adverse effects in the aquatic environment. Avoid the spillage or runoff

entering drains, sewers or watercourses.

12.1. Toxicity

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Toxicity Not regarded as dangerous for the environment.

ACETONE

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Fish

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 12600 mg/l, Daphnia magna EC₅₀, 48 hours: 8300 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

IC₅o, 72 hours: >100 mg/l, Algae

Chronic toxicity - aquatic

invertebrates

NOEC, 28 days: >10<100 mg/l, Freshwater invertebrates

BUTYL ACETATE -norm

Acute toxicity - fish , 96 hours: 100 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 72 - 205 mg/l, Daphnia magna

1,2,4-TRIMETHYLBENZENE

Acute toxicity - fish LC50, 96 hours: 7.72 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: 3.6 mg/l, Daphnia magna

CUMENE

Acute toxicity - fish LC50, 96 hours: 4.8 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 2.14 mg/l, Daphnia magna

OECD Test Guideline 202

Acute toxicity - aquatic

plants

EC₅₀, 72 hours: 2.6 mg/l, Freshwater algae

MESITYLENE

Aerosol Solutions Linemarker (All Colours)

Acute toxicity - fish LC50, 96 hours: 12.52 mg/l, Carassius auratus (Goldfish)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 6 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Persistence and degradability

The product is degraded completely by photochemical oxidation.

ACETONE

Persistence and degradability

The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Bioaccumulative potential Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility The product contains volatile substances which may spread in the atmosphere.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Mobility The product contains volatile organic compounds (VOCs) which will evaporate

easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB Not determined

assessment

Not determined

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

ACETONE

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Ozone depletion potential

Aerosol Solutions Linemarker (All Colours)

Global warming potential (GWP)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not puncture or incinerate, even when empty. Ensure containers are empty before

discarding (explosion risk). Dispose of waste to licensed waste disposal site in accordance

with the requirements of the local Waste Disposal Authority.

Disposal methodsContainers should be thoroughly emptied before disposal because of the risk of an explosion.

Do not puncture or incinerate, even when empty. Dispose of waste to licensed waste disposal

site in accordance with the requirements of the local Waste Disposal Authority.

Waste class Empty Aerosol: 15 01 10 (Containing hazardous residues). Full or Partially Empty Aerosol: 16

05 04, Empty Aerosol: 15 01 04 (No hazardous residues).

SECTION 14: Transport information

General This product is packed in accordance with the Limited quantity Provisions of CDGCPL2, ADR

and IMDG. These provisions allow the transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing they are labelled in accordance with the requirements of those regulations to show that they are transported as

Limited Quantities. Aerosols not so packed must show the following.

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN No. (ADN) 1950

14.2. UN proper shipping name

Proper shipping name

(ADR/RID)

AEROSOLS, flammable

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 5F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

Transport labels



Aerosol Solutions Linemarker (All Colours)

14.4. Packing group

Not applicable.

ADR/RID packing group #

IMDG packing group #

ICAO packing group #

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

IMDG Code segregation

SG69

group

EmS F-D, S-U

ADR transport category 2

Hazard Identification Number

Not applicable

(ADR/RID)

Tunnel restriction code (D)

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Aerosol Dispensers (EEC Requirements)(Amendment) Regulations 1996 (S.I 1996 No.

2421).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Guidance ECHA: Guidance on the Compilation of safety data sheets. (V1.1, December 2011)

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

Authorisations (Title VII

Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Aerosol Solutions Linemarker (All Colours)

Classification procedures according to Regulation (EC)

Aerosol 1 - H222, H229: Weight of evidence. Eye Irrit. 2 - H319, STOT SE 3 - H336, Aquatic

Chronic 3 - H412: Calculation method.

1272/2008

Issued by Technical Department

Revision date 01/08/2016

Revision 7

Supersedes date 28/05/2015

SDS number 11030

Hazard statements in full H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.