



**SAFETY DATA SHEET  
LINE MARKER RED**

Page: 1

Compilation date: 08/09/2016

Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** LINE MARKER RED

**Product code:** SAS40R

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

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Nina Works,  
Gelderd Road,  
Leeds  
LS12 6NA

**Tel:** +44 (0) 113 213 4300

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 113 213 4300

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Flam. Aerosol 1: H222; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Lact.: H362; STOT SE 3: H336; -: EUH066; -: EUH208; -: H229

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. Contains isodecyloxypropylamine acetate. May produce an allergic reaction. Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness. May cause harm to breast-fed children. Toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH066: Repeated exposure may cause skin dryness or cracking.

EUH208: Contains isodecyloxypropylamine acetate. May produce an allergic reaction.

H222: Extremely flammable aerosol.

[cont...]

# SAFETY DATA SHEET

LINE MARKER RED

Page: 2

H229: Pressurised container: May burst if heated

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H362: May cause harm to breast-fed children.

H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

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.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

## 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

ACETONE - REACH registered number(s): 01-2119471330-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-662-2	67-64-1	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	30-50%

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC.; LOW BOILING POINT NAPHTHA

265-199-0	64742-95-6	-	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; Aquatic Chronic 2: H411; STOT SE 3: H336; -: EUH066	1-10%
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# SAFETY DATA SHEET

LINE MARKER RED

Page: 3

## 1,2,4-TRIMETHYLBENZENE

202-436-9	95-63-6	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	1-10%
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## N-BUTYL ACETATE

204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	1-10%
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## ALKANES, C14-17, CHLORO

287-477-0	85535-85-9	-	Lact.: H362; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-10%
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## ETHYL ACETATE

205-500-4	141-78-6	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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## MESITYLENE

203-604-4	108-67-8	-	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1-10%
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## ISODECYLOXPROPYLAMINE ACETATE

-	28701-67-9	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; STOT SE 3: H335; Aquatic Chronic 1: H410; Skin Sens. 1: H317	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. Consult a doctor.
- Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

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

- Skin contact:** No data available.
- Eye contact:** No data available.
- Ingestion:** No data available.
- Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

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

**Immediate / special treatment:** Not applicable.

[cont...]

# SAFETY DATA SHEET

LINE MARKER RED

Page: 4

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. If outside do not approach from downwind.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Do not use equipment in clean-up procedure which may produce sparks. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from sources of ignition.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

[cont...]

# SAFETY DATA SHEET

LINE MARKER RED

Page: 5

## 8.1. Control parameters

**Hazardous ingredients:**

### ACETONE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	500ppm 1210mg/m3	1500ppm 3620mg/m3	-	-

### 1,2,4-TRIMETHYLBENZENE

UK	125 mg/m3	-	-	-
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### N-BUTYL ACETATE

UK	724 mg/m3	966 mg/m3	-	-
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### ETHYL ACETATE

UK	200 ppm	400 ppm	-	-
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### MESITYLENE

UK	25 ppm	-	-	-
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## DNEL/PNEC Values

**Hazardous ingredients:**

### ACETONE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	186mg/kg/day	Workers	Systemic
DNEL	Inhalation	2420mg/m3	Workers	Local
DNEL	Inhalation	1210mg/m3	Workers	Systemic
DNEL	Oral	62mg/kg/day	Consumers	Systemic
DNEL	Dermal	62mg/m3	Consumers	Systemic
DNEL	Inhalation	200mg/m3	Consumers	Systemic
PNEC	Fresh water	10.6mg/l	-	-
PNEC	Marine water	1.06mg/l	-	-
PNEC	Fresh water	Intermittent release	-	-
PNEC	Fresh water sediments	30.4 mg/kg	-	-
PNEC	Marine sediments	3.04mg/kg	-	-
PNEC	Soil (agricultural)	29.5mg/kg	-	-
PNEC	Microorganisms in sewage treatment	100mg/l	-	-

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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# SAFETY DATA SHEET

LINE MARKER RED

Page: 6

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Chemically resistant gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Aerosol

**Colour:** Red

**Flash point°C:** -60

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### ACETONE

DERMAL	RAT	LD50	>7400	mg/kg
DERMAL	RBT	LD50	2000	mg/kg

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# SAFETY DATA SHEET

LINE MARKER RED

Page: 7

ORAL	RAT	LD50	5800	mg/kg
VAPOURS	RAT	4H LC50	76000	mg/l

## 1,2,4-TRIMETHYLBENZENE

IPR	RAT	LDLO	1752	mg/kg
ORL	RAT	LD50	5	gm/kg

## N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

## ETHYL ACETATE

ORL	MUS	LD50	4100	mg/kg
ORL	RAT	LD50	5620	mg/kg
SCU	RAT	LDLO	5	gm/kg

## MESITYLENE

IPR	GPG	LDLO	1303	mg/kg
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### Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

**Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### ACETONE

ALGAE	192H EC10	530	mg/l
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# SAFETY DATA SHEET

LINE MARKER RED

Page: 8

Activated Sludge	30m EC10	1000	mg/l
DAPHNIA	48H EC50	8800	mg/l
Daphnia magna	192H EC10	2212	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	5540	mg/l

## 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** No data available.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Toxic to aquatic organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Not applicable.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** AEROSOLS

### 14.3. Transport hazard class(es)

**Transport class:** 2

### 14.4. Packing group

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

[cont...]



# SAFETY DATA SHEET

LINE MARKER RED

Page: 9

## 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D

**Transport category:** 2

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.  
EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.  
H222: Extremely flammable aerosol.  
H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H229: Pressurised container: May burst if heated  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H362: May cause harm to breast-fed children.  
H410: Very toxic to aquatic life with long lasting effects.  
H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. Please note that due to the on-going change in regulation from CHIP to CLP, any MSDS information supplied by LMA is only considered accurate at the time of its creation. During this time

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## **SAFETY DATA SHEET**

LINE MARKER RED

**Page:** 10

classifications of substances may change. Therefore it is possible that can art work and MSDS information may differ. As such if you have any concerns we recommend you request a new MSDS from us every 6-12 months.