



## SAFETY DATA SHEET

STONECHIP

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Compilation date: 02/02/2016

Revision date: 22/5/2017

Revision No: 2

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

#### 1.1. Product identifier

**Product name:** STONECHIP

**Product code:** 0986,0987,0988

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

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

**Company name:** Granville Oil & Chemicals Ltd.

Unit 29 Goldthorpe Industrial Estate

Goldthorpe

Rotherham

South Yorkshire

S63 9BL

United Kingdom

**Tel:** +44 (0)1709 890099

**Fax:** +44 (0)1709 891121

**Email:** technical@granvilleoil.com

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0)1709 890099

(office hours only)

### Section 2: Hazards identification

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

**Classification under CLP:** Flam. Liq. 2: H225; Eye Irrit. 2: H319; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336

**Most important adverse effects:** Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

[cont...]

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**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark  
GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243: Take precautionary measures against static discharge.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P403+233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.  
P501: Dispose of contents/container to local/regional/national/international regulations.

## 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

NAPHTHA(PETROLEUM), HYDROTREATED LIGHT - REACH registered number(s): 01-2119475515-33

EINECS	CAS	PBT / WEL	CLP Classification	Percent
927-510-4	64742-49-0	-	Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	10-30%

ETHYL ACETATE - REACH registered number(s): 01-2119475103-46

205-500-4	141-78-6	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	10-30%
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[cont...]

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NAPHTHA (PETROLEUM), HYDROTREATED LIGHT - REACH registered number(s): 01-2119475514-35

921-024-6	64742-49-0	-	Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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NAPHTHA (PETROLEUM) HYDRO TREATED LIGHT - REACH registered number(s): 01-2119473851-33-0001

920-750-0	64742-49-0	-	Flam. Liq. 2: H225; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. - REACH registered number(s): 01-2119455851-35

918-668-5	64742-95-6	-	Flam. Liq. 3: H226; STOT SE 3: H335; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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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. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

[cont...]

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## 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 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. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 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:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

### 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**ETHYL ACETATE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL

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UK	200 ppm	400 ppm	-	-
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## DNEL/PNEC Values

### Hazardous ingredients:

#### NAPHTHA(PETROLEUM), HYDROTREATED LIGHT

Type	Exposure	Value	Population	Effect
DNEL	Oral	149 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	149 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	300 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	477 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Inhalation	2085 mg/m <sup>3</sup>	Workers	Systemic

#### NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

Type	Exposure	Value	Population	Effect
DNEL	Oral	699 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	699 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	773 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	608 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Inhalation	2035 mg/m <sup>3</sup>	Workers	Systemic

#### NAPHTHA (PETROLEUM) HYDRO TREATED LIGHT

Type	Exposure	Value	Population	Effect
DNEL	Oral	699 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	699 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	773 mg/kg	Workers	Systemic
DNEL	Inhalation	608 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Inhalation	2035 mg/m <sup>3</sup>	Workers	Systemic

#### SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

Type	Exposure	Value	Population	Effect
DNEL	Oral	11 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	11 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	25 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	32 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Inhalation	150 mg/m <sup>3</sup>	Workers	Systemic

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

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

[cont...]

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**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Various

**Odour:** Characteristic odour

**Boiling point/range°C:** 60

**Flash point°C:** -5 (DIN 53213)

**Autoflammability°C:** 200

**Vapour pressure:** 98.3 hPa @ 20 deg C

**Relative density:** No data available.

**pH:** No data available.

**VOC g/l:** 548.7

### 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.

### 10.3. Possibility of hazardous reactions

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

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 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:**

**NAPHTHA(PETROLEUM), HYDROTREATED LIGHT**

DERMAL	RAT	LD50	2920	mg/kg
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ORAL	RAT	LD50	5840	mg/kg
VAPOURS	RAT	4H LC50	23.3	mg/l

### ETHYL ACETATE

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

### NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

DERMAL	RBT	LD50	2920	mg/kg
ORAL	RAT	LD50	5840	mg/kg
VAPOURS	RAT	4H LC50	25.2	mg/l

### NAPHTHA (PETROLEUM) HYDRO TREATED LIGHT

DERMAL	RBT	LD50	2800	mg/kg
ORAL	RAT	LD50	5000	mg/kg
VAPOURS	RAT	4H LC50	23.3	mg/l

### SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

DERMAL	RBT	LD50	3160	mg/kg
ORAL	RAT	LD50	3592	mg/kg
VAPOURS	RAT	4H LC50	6193	mg/l

#### Relevant hazards for product:

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

#### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

[cont...]

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## Hazardous ingredients:

### NAPHTHA(PETROLEUM), HYDROTREATED LIGHT

Daphnia magna	EL50 48H	3	mg/l
GREEN ALGA (Selenastrum capricornutum)	EL50 72H	10-30	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	LL50 96H	13.4	mg/l

### NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

Daphnia magna	EL50 48H	3	mg/l
GREEN ALGA (Selenastrum capricornutum)	EL50 72H	30-100	mg/l
PHAEOPHYTA	48H EC50	10	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	LL50 96H	11.4	mg/l

### NAPHTHA (PETROLEUM) HYDRO TREATED LIGHT

Daphnia magna	EL50 48H	3	mg/l
GREEN ALGA (Selenastrum capricornutum)	EL50 72H	10-30	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	LL50 96H	13.4	mg/l

## 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential.

## 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

## 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. Toxic to soil 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.

**Disposal of packaging:** Dispose of uncleaned packaging to official regulations.

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

## Section 14: Transport information

[cont...]



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## 14.1. UN number

UN number: UN1139

## 14.2. UN proper shipping name

Shipping name: COATING SOLUTION, ENVIRONMENTALLY HAZARDOUS (special provision 640D)

## 14.3. Transport hazard class(es)

Transport class: 3

## 14.4. Packing group

Packing group: II

## 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

## 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: Not applicable

## 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.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

[cont...]

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H336: May cause drowsiness or dizziness.

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.