



MATERIAL SAFETY DATASHEET

301282

ORANGER CRYSTALS

15.10.2014

1. Identification of the substance/mixture and of the company

Product Name : ORANGER CRYSTALS AOL Material Code : 301282
Use of substance/mixture :
Company : Augustus Oils Ltd
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Alton
Hampshire
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telephone : +44 1420 590555
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2. Hazard identification

GHS Classification

Aquatic Chronic 2

GHS Labelling

Symbol :



Signal word : Warning
hazard statements : H411 Toxic to aquatic life with long lasting effects
precaution statements : P273 Avoid release to the environment
P501 Dispose of contents/container in accordance with local regulations

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Classified as: DANGEROUS FOR THE ENVIRONMENT
Symbol: N

R-phrases:

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases:

S61: Avoid release to the environment. Refer to special instructions/Safety data sheet

3. Composition/information on ingredients

IUPAC name : 1-naphthalen-2-ylethanone
Characterisation : Aromatic ketones
Molecular formula : C12 H10 O
Molecular weight : 170.21

CAS no : 93-08-3
EINECS no : 202-216-2
FEMA : 2723

Substances within the mixture

This product contains:		EINECS	CAS
>99%	Methyl Naphthyl Ketone Crystals ACh2	R 51/53: H 411	202-216-2 93-08-3

Full for text of R and H phrases see section 16

4. First aid measures

Inhalation : In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.

Skin contact : Remove contaminated clothing (N.B. wash before re-use). Wash off skin immediately with plenty of water, using soap if available. If any sign of tissue damage or persistent irritation is apparent obtain medical advice immediately

Eye contact : Rinse the eyes immediately with plenty of water for at least ten minutes. If any sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.

Ingestion : Rinse mouth with water. Obtain medical advice immediately.

5. Fire-fighting measures

Extinguishing media : Carbon dioxide, foam, dry chemical
Do not use a direct water jet.

Special hazards : CO/CO₂, Smoke

Advice for firefighters : Avoid inhalation of smoke and fumes. In case of insufficient ventilation wear suitable respiratory equipment.

6. Accidental release measures

Personal precautions : Gloves and eye protection should be worn when handling spillages.
Avoid skin/eye contact and inhalation of vapour.
Good personal washing routines should be followed after accidental release. Ensure adequate ventilation in working areas following accidental release.

Environmental precautions: Do not allow discharge into drains, soil or any aquatic environment.

Methods for cleaning up : Absorb spillages on porous inert material such as earth, sand or vermiculite and dispose of in accordance with local regulations.

Large spillages should be contained by the use of sand or another inert material, transferred to a suitable container and recovered or disposed of in accordance with local regulations.

See also sections 8 and 13

7. Handling and storage

Precautions for safe handling:	Handle in accordance with good occupational hygiene and safety practices in a well ventilated area. Avoid direct contact with skin and eyes. Depending on working conditions, this may include wearing of eye protection and protective clothing such as PVC gloves and suitable overalls. Wash hands after use Remove protective equipment and contaminated clothing before entering eating areas Avoid breathing vapours especially if the material is hot.
Conditions for safe storage:	Store in full, dry, airtight containers away from sources of heat and light. Do not re-use the empty container.
Uses and applications :	Fragrances and flavours

8. Exposure controls/personal protection

Exposure parameters :	No specific exposure limits found
Respiratory Protection :	Where ventilation may be inadequate, wear self-contained breathing apparatus.
Hand protection :	Wear impervious gloves.
Skin protection :	Wear protective clothing.
Eye protection :	Wear eye protection e.g. Safety glasses/goggles
Engineering measures :	None found

9. Physical and chemical properties

Appearance	White to pale yellow crystals
Odour	Orange like, floral, honey
Odour threshold	Data not Available
pH	Data not Available
Melting point	53 to 55°C @ 760 mm Hg
Initial boiling point	300°C @ 760 mm Hg
Boiling Range	300 to 301 °C @ 760 mm Hg
Flash point	110°C
Evaporation rate	Data not Available
Flammability	Data not Available
Upper flammable limit	Data not Available
Lower flammable limit	Data not Available
Upper explosive limit	Data not Available
Lower explosive limit	Data not Available
Vapour pressure	Data not Available
Vapour Density	Data not Available
Relative Density	Data not Available
Solubility	Data not Available
Partition coefficient n-octanol/water	2.85
Autoignition temperature	Data not Available
Decomposition temperature	Data not Available
Viscosity	Data not Available
Explosive properties	Data not Available
Oxidising properties	Data not Available

10. Stability and reactivity

Stability:	Stable at ambient temperatures
Incompatible Materials:	Avoid oxidising agents
Conditions to avoid:	None known
Hazardous Decomposition Products:	No data available

11. Toxicological information

Acute toxicity	LD50 Oral Mouse 3100 mg/kg
Skin corrosion/irritation	Data not Available
Respiratory or skin sensitization	Data not Available
Serious eye damage/irritation	Data not Available
Germ cell mutagenicity	Data not Available
Carcinogenicity	Data not Available
Reproductive toxicity	Data not Available
STOT single exposure	Data not Available
STOT repeat exposure	Data not Available
Aspiration hazard	Data not Available

12. Ecological information

Toxicity data	Data not available
Persistence and degradability data	Data not available
Bioaccumulative potential	Data not available

13. Disposal considerations

Dispose in accordance with local regulations. Avoid release into drainage systems and into the environment.

14. Transport information

UN No	: 3077
Shipping Name	: Environmentally hazardous substance, solid, n.o.s.
Class	: 9
Packing Group	: III

15. Regulatory information

This datasheet has been compiled in accordance with 'COMMISSION REGULATION (EU) No 453/2010, Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)'

16. Other information

Changes since the last update

All sections changed due to CLP regulation

Section 3 R and H phrases in full

R 51/53 Toxic to aquatic organisms; may cause long term adverse effects in the aquatic environment

H 411 Toxic to aquatic life with long lasting effects

ACh2 Aquatic chronic 2

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