

REVISION DATE 09.08.2010



SAFETY DATA SHEET CAPSAICIN

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

CAS-NO.	404-86-4
EC (EINECS) NO.	206-969-8
PRODUCT NO.	107960
SUPPLIER	Univar Aquarius House 6 Midpoint Business Park Thornbury Bradford BD3 7AY +44 1274 267300 +44 1274 267306 sds@univar.com
Emergency Contact Number (Office Hours)	+44 1274 267346
Emergency Contact Number (Outside Office Hours)	+441865 407333
Sds No.	21442

2 HAZARDS IDENTIFICATION

CLASSIFICATION (67/548) T;R25. Xi;R37/38, R41. R42/43.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Acute Tox. 3 - H301;Skin Irrit. 2 - H315;Eye Dam. 1 - H318;Resp. Sens. 1 - H334;Skin Sens. 1 - H317;STOT SE 3 - H335

Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger

HAZARD STATEMENTS

H301	Toxic if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.

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PRECAUTIONARY STATEMENTS

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.

3 COMPOSITION/INFORMATION ON INGREDIENTS

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4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention.

INGESTION

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately!

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIFIC HAZARDS

Oxides of: Carbon. Nitrogen.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of dust. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Wash contaminated area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of high concentrations of dust. Provide good ventilation.

STORAGE PRECAUTIONS

Keep containers tightly closed. Keep in original container.

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STORAGE CLASS

Toxic storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT****RESPIRATORY EQUIPMENT**

Wear suitable respiratory protection.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear rubber apron. Wear rubber footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Crystals or crystalline
COLOUR	White.
SOLUBILITY	Insoluble in water
MOL. WEIGHT	305.42
BOILING POINT (°C)	210 - 220
MELTING POINT (°C)	66
FLASH POINT (°C)	113 CC (Closed cup).
PARTITION COEFFICIENT (N-Octanol/Water)	3.04

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon. Nitrogen.

11 TOXICOLOGICAL INFORMATION**TOXIC DOSE 1 - LD 50** 47.2 mg/kg (oral-mouse)**INHALATION**

Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

INGESTION

Toxic if swallowed.

SKIN CONTACT

Prolonged contact may cause redness, irritation and dry skin.

EYE CONTACT

Causes severe burns. Irritation, burning, lachrymation, blurred vision after liquid splash.

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CAPSAICIN**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

MOBILITY

The product is insoluble in water.

WATER HAZARD CLASSIFICATION

WGK 3 WGK 3

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UK ROAD CLASS	6.1
PROPER SHIPPING NAME	TOXIC SOLID, ORGANIC, N.O.S. (CAPSAICIN)
UN NO. ROAD	2811
ADR CLASS NO.	6.1
ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	II
TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	60
ADR LABEL NO.	6.1
HAZCHEM CODE	2X
UN NO. SEA	2811
IMDG CLASS	6.1
IMDG PACK GR.	II
EMS	F-A, S-A
UN NO. AIR	2811
AIR CLASS	6.1
AIR PACK GR.	II

15 REGULATORY INFORMATION**EU DIRECTIVES**

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

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CAPSAICIN**APPROVED CODE OF PRACTICE**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

CHIP for everyone HSG(108).

16 OTHER INFORMATION**REVISION COMMENTS**

NOTE: Lines within the margin indicate significant changes from the previous revision.

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REV. NO./REPL. SDS 01

GENERATED

SDS NO. 21442

SAFETY DATA SHEET STATUS

Approved.

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SIGNATURE Jitendra Panchal