

CHLOR TABS

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

1.1 - Product identifier

Trade name/designation

Chemical name CHLOR TABS
Product-type Mixture
Product code C037 EV - Professional Hygiene
UFI: S06M-W1QY-VG06-RPQ0

SDS also conforms with UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".

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

Relevant identified uses - Effervescent chlorine tablets for disinfection of surfaces & utensils in food processing & catering.

1.3 - Details of the supplier of the safety data sheet

UK Supplier: Evans Vanodine International plc,
Brierley Road, Walton Summit, Preston, UK. PR5 8AH

Telephone : +44 (0) 1772 322 200
Website www.evansvanodine.co.uk
Evans: productcompliance@evansvanodine.co.uk

Distributor

EU Supplier: Evans Vanodine Europe (FR), 3 Boulevard de Belfort, 1st Floor, Lille, 59000, France.
Tel: +33 (0)3 76 04 21 87

1.4 - Emergency telephone number

- For Health Care Professionals only:
For use in the Republic of Ireland: To report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166 – 8am to 10pm every day).
For use in Malta: Emergency services (Ambulance, Fire and Rescue, Police) : 112.
For use in UK: Contact the National Poisons Information Service for further advice. United Kingdom

New Safety Data Sheets - 01772 322 200 - Mon to Thurs 8.30am to 4.30pm & Fri 8.30am to 1.30pm.
(Also available 24/7 from our website www.evansvanodine.co.uk)
For Technical Advice about this SDS - 01772 318 818 - Mon to Thurs 8.00am to 5.30pm.

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Eye Irrit. 2	Eye irritation - Category 2
STOT SE 3	STOT-single exposure - Category 3 (H335)
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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Contains: Troclosen Sodium {Sodium Dichloroisocyanurate}

Signal word : Warning

Hazard pictograms



Hazard statements

H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P280	Wear eye protection/face protection/protective clothing/protective gloves.
P301	IF SWALLOWED:
P315	Get immediate medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P273	Avoid release to the environment.
P501	Dispose of container/contents in accordance with local regulation.
P102	Keep out of reach of children.

EUH-phrases

EUH031	Contact with acids liberates toxic gas.
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2.3 - Other hazards

PBT substances

vPvB substances

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

Other hazards which do not result in classification - H410 should be: H400 Very toxic to aquatic life. & H411 Toxic to aquatic life with long lasting effects.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No.	%	Class(es)	Information on the substance
Troclosen Sodium {Sodium Dichloroisocyanurate}	CAS No. : 2893-78-9 Index No. : 613-030-00-X EC No. : 220-767-7	30 - 60	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Eye Irrit. 2 - H319 Ox. Sol. 2 - H272 STOT SE 3 - H335 EUH031	STOT SE 3 - H335 : 10<=%<=100 M-factor: 1 / 1 ATE oral 1850 (a)

(a) Substance contributing to the classification

(b) Substance with exposure limite value

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Chemical name	No.	%	Class(es)	Information on the substance
adipic acid	CAS No. : 124-04-9 Index No. : 607-144-00-9 EC No. : 204-673-3	20 - 25	Eye Irrit. 2 - H319	(a)
sodium carbonate	CAS No. : 497-19-8 Index No. : 011-005-00-2 EC No. : 207-838-8 REACH No. : 01-2119485498-19-xxxx	3 - 5	Eye Irrit. 2 - H319	(a) (b)

(a) Substance contributing to the classification

(b) Substance with exposure limite value

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Remove casualty to fresh air and keep warm and at rest.
- Get medical attention if any discomfort continues.

Following skin contact - Wash with plenty of water.

After eye contact - Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

After ingestion - Do NOT induce vomiting.
- Rinse mouth thoroughly with water.
- Give plenty of water to drink. Get medical attention immediately.

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

Symptoms and effects - Following inhalation - Irritation of nose, throat and airway

Symptoms and effects - Following skin contact - Prolonged skin contact may cause redness and irritation.

Symptoms and effects - After eye contact - Direct eye contact may cause temporary irritation.
- Prolonged contact may cause redness and/or tearing.

Symptoms and effects - After ingestion - Harmful if swallowed. May cause stomach pain or vomiting.

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

- General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media - The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media - None

5.2 - Special hazards arising from the substance or mixture

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Special hazards arising from the substance or mixture - Thermal decomposition or combustion products may include the following substances:
- Harmful gases or vapours.

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Wear a self-contained breathing apparatus and chemical protective clothing.
- Do not allow run-off from fire-fighting to enter drains or water courses.
- Keep containers cool by spraying with water to reduce explosion risks.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Avoid contact with eyes.
- Avoid inhalation of dust.
- See section 8.2

6.2 - Environmental precautions

- Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3 - Methods and material for containment and cleaning up

Methods and material for cleaning up - Small Spillages: Flush away spillage with plenty of water to drain.
- Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4 - Reference to other sections

- Disposal: See section 13
- Personal protection equipment: see section 8
- Safe handling: See section 7

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - For handling undiluted product:
- Avoid: Eye contact
- Avoid inhalation of dust.
- Contact with acids liberates toxic gas.

Advices on general occupational hygiene - Avoid contact with skin, eyes and clothes.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep/store only in original container.
- Keep container tightly closed in a cool, well-ventilated place.
- Protect from light.
- Store away from the following materials:

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- Acids.
- Reducing agents.

7.3 - Specific end use(s)

- See section 1.2 of the SDS.
- See Product Information Sheet and Label for detailed use of this product.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

sodium carbonate (497-19-8)

IOELV TWA mg/m ³ (UE)	5 mg/m ³
TWA EH40 mg/m ³ (UK)	5 mg/m ³

8.2 - Exposure controls

Appropriate engineering controls

- This product must not be handled in a confined space without adequate ventilation.

Individual protection measures, such as personal protective equipment

- Eye protection recommended.
- No specific hand protection required, but for prolonged or repeated skin contact use it is recommended to wear suitable gloves.
- No specific body protection required during normal use.
- Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Solid	<u>Appearance</u>	Tablets
<u>Colour</u>	White	<u>Odour</u>	Faint Chlorine
Odour threshold	No data available		
pH	@ 1% 5.0 - 6.0		
Melting point	Not applicable		
Freezing point	No data available		
Boiling point	Not applicable		
Flash point	Not applicable		
Evaporation rate	No data available		
flammability	Not applicable		
Lower explosion limit	Not applicable		
Upper explosion limit	Not applicable		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	Not applicable		
Density	No data available		
Solubility (Water)	Soluble		
Solubility (Ethanol)	No data available		

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Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	Not applicable Partition coefficient n-octanol/water (Log value)
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	Not applicable
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	0 %
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

- No data available.

SECTION 10: Stability and reactivity

10.1 - Reactivity

- The following materials may react with the product:
- Strong acids.
- Reducing agents.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- See sections 10.1, 10.4 & 10.5

10.4 - Conditions to avoid

- Avoid exposure to high temperatures or direct sunlight.

10.5 - Incompatible materials

- Acids, Metals & Reducing Agents.
- Strong alkali.

10.6 - Hazardous decomposition products

- Toxic chlorine gas can be released if heated.

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SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

ATE oral : - ATE dermal : - ATE Inhalation Dust/Mist : -
ATE Inhalation Vapor : - ATE Inhalation Gas : -

LD50 oral (rat)	Not applicable
LD50 dermal (rat)	Not applicable
LD50 dermal (rabbit)	Not applicable
LC50 inhalation gas (rat)	Not applicable
LC50 inhalation dusts and mists (rat)	Not applicable
LC50 inhalation vapours (rat)	Not applicable

- Oral ATE being >2000 = Not classified.
- Based on available data, the classification criteria are not met.
- The evaluation was carried out according to the calculation method.
- No animal testing has been carried out for this product. Any ATE figures quoted are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Skin corrosion/irritation - Not classified

- The evaluation was carried out according to the calculation method.

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation.

- The evaluation was carried out according to the calculation method.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - STOT-single exposure - Category 3 (H335) - May cause respiratory irritation.

- Target organs: Respiratory system, lungs.
- The evaluation was carried out according to the calculation method.

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- None known.
- 11.2.1 Endocrine disrupting properties - None known.

SECTION 12: Ecological information

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12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	Not applicable
LC50 96 hr fish	Not applicable
ErC50 algae	Not applicable
ErC50 other aquatic plants	Not applicable
NOEC chronic fish	Not applicable
NOEC chronic crustacea	Not applicable
NOEC chronic algae	Not applicable
NOEC chronic other aquatic plants	Not applicable

- Very toxic to aquatic life with long lasting effects.
- The evaluation was carried out according to the calculation method.
- No Aquatic testing carried out, therefore no Aquatic Toxicity Data available specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.
- Ecotoxicity: Potentially hazardous due to the alkalinity of the product.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- This product, at use dilutions, is readily broken down in biological effluent treatment plants.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	Not applicable Partition coefficient n-octanol/water (Log value)

- There is no bioaccumulating substance in the product.

12.4 - Mobility in soil

- No data available.

12.5 - Results of PBT and vPvB assessment

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

12.6 - Endocrine disrupting properties

- This product does not contain any substances that are identified as having endocrine disrupting properties.

12.7 - Other adverse effects

- None

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

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Waste treatment methods : - Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR) : UN3077
UN number (RID) : UN3077
UN number (IMDG) : UN3077

14.2 - UN proper shipping name

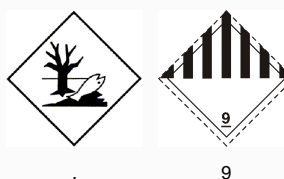
UN proper shipping name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
UN proper shipping name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
UN proper shipping name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

14.3 - Transport hazard class(es)

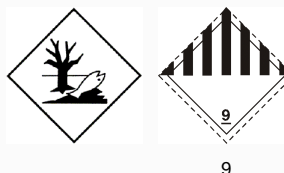
ADR Transport hazard class(es) : 9
ADR Classification code: : M7
Pictograms



Transport hazard class(es) (RID) : 9
Pictograms



Transport hazard class(es) (IMDG) : 9
Pictograms



14.4 - Packing group

Packing group : III
Packing group (RID) : III
Packing group (IMDG) : III

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14.5 - Environmental hazards

<u>Environmental hazards</u>	:	Yes.
<u>Marine pollutant</u>	:	Hazardous to the aquatic environment - Aquatic Acute 1 Hazardous to the aquatic environment - Aquatic Chronic 1
<u>Additional information</u>	:	- Packs 5 kilos and under are exempt from Transport Regulations. Reference: IMDG section 2.10.2.7 / ADR Special Provision 375.

14.6 - Special precautions for user

ADR

<u>ADR Classification code:</u>	:	M7
<u>ADR Special provisions</u>	:	274+335+375+601
<u>ADR Limited quantity (LQ)</u>	:	5kg
<u>ADR Excepted quantities</u>	:	E1
<u>ADR Packing instructions</u>	:	P002 IBC08 LP02 R001
<u>ADR Special packing provisions</u>	:	PP12 B3
<u>ADR Mixed packing provisions</u>	:	MP10
<u>Instructions for portable tanks and bulk containers</u>	:	T1 BK
<u>Special provisions for portable tanks and bulk containers</u>	:	TP33
<u>ADR tank code</u>	:	SGAV LGBV
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	AT
<u>ADR Transport category</u>	:	3
<u>ADR Tunnel restriction code</u>	:	-
<u>ADR Special provisions loading, unloading and handling</u>	:	CV13
<u>Special provisions - Packages</u>	:	V13
<u>Special provisions - Bulk</u>	:	VC1 VC2
<u>Special provisions - Operation</u>	:	
<u>ADR Hazard identification number (Kemler No.)</u>	:	90

RID

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	

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IMDG

<u>Special provisions</u>	:	274 335 966 967 969
<u>Limited quantity (LQ)</u>	:	5 kg
<u>Excepted quantities</u>	:	E1
<u>Packing instructions</u>	:	LP02 P002
<u>Special packing provisions</u>	:	PP12
<u>IBC instruction(s)</u>	:	IBC08
<u>IBC provisions</u>	:	B3
<u>Instructions for portable tanks and bulk containers</u>	:	BK1 B
<u>Special provisions for portable tanks and bulk containers</u>	:	TP33
<u>EmS codes</u>	:	F-A, S-F
<u>Stowage and handling</u>	:	Category A SW23
<u>Segregation</u>	:	
<u>Properties and observations</u>	:	

14.7 - Maritime transport in bulk according to IMO instruments

- Not relevant for a packaged product.

SECTION 15: Regulatory information

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	0 %

- Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020."

- The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020."

- Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

- This product does not contain any surfactants.

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
10	01/04/2026		SDS prepared on new SDS software. - No change in Product Classification.

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Abbreviations and acronyms

- ADR: The Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE: Acute Toxicity Estimate.
- LC50: Lethal Concentration to 50 % of a test animals.
- LOEC: Lowest Observed Effect Concentration.
- LD50: Lethal Dose to 50% of a test animals.
- LOEL: Lowest Observed Adverse Effect Level.
- DNEL: Derived no-effect level.
- EC50: Effective concentration of the substance that causes adverse effects in 50% of test animals.
- IATA: International Air Transport Association.
- IMDG: International Maritime Dangerous Goods.
- EC No: European Community number
- NOEC: No Observed Effect Concentration.
- NOEL: No observable effect level.
- CAS No.: Chemical Abstracts Service number.
- ICAO: International Civil Aviation Organization
- PBT: Persistent, Bioaccumulative and Toxic.
- PNEC: Predicted no-effect concentration.
- RID: International Carriage of Dangerous Goods by Rail.
- STEL: Short-term exposure limit
- TWA: Time weighted average
- OEL: Occupational exposure limit.
- vPvB: very Persistent and very Bioaccumulative.

Data sources:

Material Safety Data Sheet, Miscellaneous manufacturers.
CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.

Evaluation methods

For Methods used for Classification: See sections 11.1 for Health & 12.1 for Environmental.

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Eye Irrit. 2	Eye irritation - Category 2
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.
Ox. Sol. 2	Oxidising solids - Category 2
STOT SE 3	STOT-single exposure - Category 3 (H335)

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