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TRITON TRI-CREAM

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product form: Mixture
Product Name: TRI-CREAM
Product code: FG51

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

1.2.1 Relevant identified uses

Main use category: Professional use, Consumer use

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Triton Systems

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Crayford, Kent DA1 4HF
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1.4 Emergency telephone number

Emergency number: +44 (0) 1322 318830 (0900 – 1700 UK time)

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

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

Skin corrosion / irritation, Category 2 H315
Sensitisation – Skin, Category 1 H317

Full text of H statements: See section 16

2.2 Label Elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP): Warning

Hazardous ingredients: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

Hazard statements (CLP): H315 – Causes skin irritation
H317 – May cause an allergic skin reaction

Precautionary statements (CLP): P261 – Avoid breathing fume, spray.
P264 – Wash hands, forearms and face thoroughly after handling
P272 – Contaminated work clothing should not be allowed out of the workplace
P280 – Wear eye protection, protective clothing, protective gloves.
P302+P352 – IF ON SKIN: Wash with plenty of water
P332+P313 – If skin irritation occurs: Get medical advice/attention
P333+P313 – If skin irritation or rash occurs: Get medical advice/attention
P362+P364 – Take off contaminated clothing and wash it before reuse

Child-resistant fastening: No

Tactile Warning: No (Cont'd.....)

**2. HAZARD IDENTIFICATION**cont'd)**2.3 Other Hazards**

Adverse physicochemical, human health and Environmental effects:

Causes skin irritation. May cause an allergic skin reaction.

PBT:

not relevant – no registration required

vPvB:

not relevant – no registration required

3. COMPOSITION & INFORMATION ABOUT THE COMPONENTS**3.1 Substance:**

Not applicable.

3.2 Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
PARRAFFINUM LIQUIDUM	(CAS No) 8042-47-5 (EC no) 232-455-8	50-80	Asp. Tox. 1, H304
TRIETHOXYCAPRYLSILANE	(CAS No) 2943-75-1 (EC no) 220-941-2	5 – 50	Skin Irrit. 2, H315
Ethanediol, ethylene glycol	(CAS No) 107-21-1 (EC no) 203-473-3 (EC index no) 603-027-00-1	< 5	Acute Tox. 4 (Oral), H302
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	(CAS No) 55965-84-9 (EC index no) 613-167-00-5	< 5	Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	(CAS No) 55965-84-9 (EC index no) 613-167-00-5	(C >=0.0015) Skin Sens. 1, H317 (0.06 =< C < 0.6) Skin Irrit. 2, H315 (0.06 =< C < 0.6) Eye Irrit. 2, H319 (C >= 0.6) Skin Corr. 1B, H314

Full text of H-phrases: see section 16

4. FIRST AID MEASURES**4.1 Description of First Aid Measures**

First-aid measures general:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing. Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact:

Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminate clothing. If skin irritation or rash occurs: Get medical attention.

First-aid measures after eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion:

Rinse mouth. DO NOT induce vomiting. Seek medical advice. Obtain emergency medical attention. Call a poison centre or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms / injuries after inhalation:

May cause an allergic skin reaction.

Symptoms / injuries after skin contact:

Causes skin irritation. Irritation. May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Foam. Dry Powder. Carbon Dioxide. Water Spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released

5.3 Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing spray.

6.1.2 For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Equip clean-up crew with proper protection. For further information refer to Section 8: "Exposure controls/personal protection".

Emergency procedures: If spilled, may cause the floor to be slippery. Ventilate area.

6.2 Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information: Dispose of materials or solid residues at an authorised site.

6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to Section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing fume, spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Keep away from children. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products: keep away from. Oxidising agent. Strong bases.

7.3 Specific end use(s)

See technical instructions for use of this substance/mixture.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional information available.

8.2 Exposure controls

Appropriate engineering controls:	Ensure good ventilation of the work station.
Personal protective equipment:	Avoid all unnecessary exposure.
Materials for protective clothing:	Wear suitable protective clothing and gloves.
Hand protection:	Wear Protective gloves
Eye protection:	Chemical goggles or safety glasses. Safety glasses
Skin and body protection:	Wear suitable protective clothing.
Respiratory protection:	Wear appropriate mask.
Environmental exposure controls:	Avoid release to the environment.
Other information:	Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Paste
Colour:	White
Odour:	Sweet
Odour threshold:	No data available
pH:	9.5 – 10.5
Relative evaporation rate (butylacetate=1):	No data available
Melting Point:	Not applicable
Freezing Point:	No data available
Boiling Point:	No data available
Flash Point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (Solid, gas):	Non flammable
Vapour Pressure:	No data available
Relative vapour density at 20°C:	No data available
Relative density:	0.8 – 0.9
Solubility:	No data available
Log Pow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2 Other information

No additional information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions. Not established.

(Cont'd



10. STABILITY AND REACTIVITYCont'd)

10.3 Possibility of hazardous reactions

None under normal use. Not established.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5 Incompatible materials

Strong acids. Strong bases.

10.6 Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Fume.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.

Acute toxicity: Not classified

PARRAFFINUM LIQUIDUM (8042-47-5)	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	>2000 mg/kg
LC50 inhalation rat (mg/l)	>5000 mg/m ³
Ethanediol, ethylene glycol (107-21-1)	
LD50 oral rat	4000 mg/kg
LD50 dermal rat	= 10600 mg/kg

Skin corrosion/irritation: Causes skin irritation.
pH: 9.5 – 10.5

Serious eye damage/irritation: Not classified
Based on available data, the classification criteria are not met.
pH: 9.5 – 10.5

Respiratory or skin sensitisation: May cause an allergic skin reaction

Germ cell mutagenicity: Not classified.
Based on available data, the classification criteria are not met.

Carcinogenicity: Not classified:
Based on available data, the classification criteria are not met.

Reproductive toxicity: Not classified.
Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Not classified.
Based on available data, the classification criteria are not met.

PARRAFFINUM LIQUIDUM (8042-47-5)	
NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight/day
NOAEL (inhalation, rat, gas, 90 days)	>= 2000 ppmv/6h/day

Aspiration hazard: Not classified
Based on available data, the classification criteria are not met.

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology – general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

(Cont'd)



12. ECOLOGICAL INFORMATIONcont'd)

PARRAFFINUM LIQUIDUM (8042-47-5)	
LC50 fish 1	> 400000 ppm Oncorhynchus mykiss (Rainbow trout)
LC50 fish 2	> 1000 ppm Leuciscus idus (golden orfe)
LC50 other aquatic organisms 1	> 100000 ppm Mysidopsis bahia
Ethanediol, ethylene glycol (107-21-1)	
LC50 fish 1	18500 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia 1	> 10000 mg/l
EC50 other aquatic organisms 1	10000 mg/l
EC50 96h algae [mg/l] (1)	6500 – 7500 m/l

12.2 Persistence and degradability

TRI-CREAM	
Persistence and degradability	Not established.

PARRAFFINUM LIQUIDUM (8042-47-5)	
Biodegradation	31.3%

Ethanediol, ethylene glycol (107-21-1)	
Biodegradation	56% OECD 301 C

12.3 Bioaccumulative potential

TRI-CREAM	
Bioaccumulative potential	Not established.

PARRAFFINUM LIQUIDUM (8042-47-5)	
Log Kow	< 3.5
Bioaccumulative potential	Bioaccumulative potential.

12.4 Mobility in soil

PARRAFFINUM LIQUIDUM (8042-47-5)	
Surface tension	31 mN/m

12.5 Results of PBT and vPvB assessment

TRI-CREAM	
PBT: not relevant – no registration required	
vPvB: not relevant – no registration required	

12.6 Other adverse effects

Additional information: Avoid release to the environment

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology – waste materials: Avoid release to the environment.

14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

14.1 UN number

Not regulated for transport

(Cont'd)



14. TRANSPORT INFORMATION cont'd)

14.2 UN proper shipping name

Proper Shipping Name (ADR): Not applicable

Proper Shipping Name (IMDG): Not applicable

14.3 Transport hazard class(es)

ADR

Transport hazard class(es) (ADR): Not applicable

IMDG

Transport hazard class(es) (IMDG): Not applicable

14.4 Packing group

Packing group (ADR): Not applicable

Packing group (IMDG): Not applicable

14.5 Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

Other information: No supplementary information available

14.6 Special precautions for user

Overland transport: No data available

Transport by sea: No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

15. REGULATORY INFORMATION

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

15.1.1 EU regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2 National regulations

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

16. OTHER INFORMATION

Data sources:

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Other information:

None

Full text of H- and EUH- Phrases

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1

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16. OTHER INFORMATION cont'd)

Asp. Tox. 1	Aspiration hazard, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation – Skin, Category 1
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H331	Toxic if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

SDS EU (REACH Annex II)

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information provided is designed only as guidance for safe use, processing, handling, storage, transport, release and disposal. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for use in combination with any other materials or in any process, unless specified in this safety data sheet.