

Material Safety Data Sheet

Date prepared: April 20th, 2020

Date revised:

1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: **Moisturising Hand Sanitizer**

Unique reference numbers(s): Star Colour Laboratories Formula Code SCL43/064
 Company name & address: Star Colour Laboratories, Unit 10C, D & E, The Grip Ind.
 Estate, Hadstock Road, Linton, Cambs. CB21 4XN
 Telephone: 44 (0) 1223 897997
 Emergency telephone number: 44 (0) 1223 897997 (Office hours)

2. Hazards Identification

2.1 Classification of the Substance or mixture

Classification according to Regulation (EC) no. 1272/2008 (CPL)

Flammable Liquids, Category 2 H225

Full text of H statement: see section 16

Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour

2.2. Label Elements

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



Hazard pictograms (CLP)	:	GHS02
Signal word (CLP)	:	Danger
Hazard statement (CLP)	:	H225- Highly Flammable liquid and vapour
Precautionary statement (CLP)	:	P210- keep away from heat, hot surfaces, sparks, open Flames and other ignition sources. No smoking. P233- Keep container tightly closed. P240- Ground and bond container and receiving equipment
		P303+P361+P353- IF ON SKIN (or hair): take off Immediately all contaminated clothing. Rinse skin with water or shower P403+P235- Store in a well-ventilated place. Keep cool.

2.3. Other Hazards

No additional information available.

3. Composition/information on ingredients

3.1 Substance

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Substance:	% Content:	CAS Number:	Classification:	EINECS:
Alcohol Denatured	70%	64-17-5	Flammable	
Aqua	15-30%	7732-18-5		
Essential Oil Blend	0.5-1.5%			

4 First aid measures

4.1

Skin contact: Discontinue use of product. Remove contaminated clothes.
Apply cold compress to affected areas to relieve and discomfort. If discomfort persists contact a physician

Eye contact: Irrigate with water immediately for at least 15 minutes. If irritation persists consult doctor

Inhalation: If respiratory irritation occurs, remove individual to fresh air. contact a physician.

Ingestion: Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting. Note: After first aid treatment, the caller should be advised that

1)

a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

4.2 Most important symptoms and effects, both acute and delayed

No additional information available

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: Any suitable for environment

5.2 Special hazards arising from the substance or mixture

Special hazards in fire: Highly flammable liquid and vapour
Hazardous decomposition products in case of fire: Toxic fumes maybe released.

5.3 Advice for firefighting : Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus. Complete protective clothing.

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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, No open flames, no sparks and no smoking.

6.1.2 For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

Method for cleaning up: Take up liquid spill into absorbent material. Notify authorities if product
Enters sewers or public waters.

Other information : Dispose of materials or solid residue at an authorized site.

Personal precautions: Use impervious gloves. Beware of slippery surfaces

Environmental precautions: Keep out of drains and watercourses

Methods for cleaning: Take up mechanically and collect in suitable container for disposal.

Household Setting: Absorb spill and scrub the area with detergent. Dilute with water. Ventilate area and eliminate all ignition sources.

7. Handling and storage

7.1 Precautions for safe handling

Handling: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, openflames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-spraking tools. Take precautionary measures against static discharge. Flammable vapour may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment.

Hygiene measure: Do not eat, drink or smoke when using this product.

Storage: Store in a well-ventilated place. Keep cool. Keep container tightly closed.

8. Exposure Controls

This is a Hand Sanitizer that is safe for consumers and others users under normal and reasonable foreseen use.

Engineering measures to reduce exposure No special measures necessary.

Personal protection equipment during manufacture:

Respiratory protection normally No personal respiratory protective equipment

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	required.
Hand protection	Protective gloves.
Eye protection	Safety glasses with side-shields.
Skin and body protection	Long sleeved clothing.

9. Physical and chemical properties

Appearance:	Clear Liquid
Odour:	Characteristic
pH:	NA
Melting point:	NA
Flashpoint (°C):	≈ 24°C
Relative density:	0.91-0.93 @ 20°C
Solubility:	Soluble in water

10. Stability and reactivity

10.1 Reactivity

Highly flammable liquid and vapor.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reaction

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5 Incompatible materials

No additional information available

10.6 Hazardous decomposition product

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

11.1. Information on toxicology effects

Acute toxicity:	Not classified
Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified

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STOT- single exposure
STOT-repeat exposure
Aspiration hazard

Not classified
Not classified
Not classified

12. Ecological information

12.1. Toxicity

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects to the environment.

Ecotoxicity	No data available
Mobility	No data available
Persistence / degradability	No data available
Bioaccumulation	No bioaccumulation to be expected.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Result of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13 Disposal Considerations

Additional information

In compliance with local regulations.
Flammable vapor may accumulate in container

14. Transport information

Land transport
UN proper shipping name

ADR/RID: UN Number 1170
Ethanol Solution



Transport hazard class(es)
Packing group
Environmental hazards

III
Dangerous for the environment: No

Sea transport
UN proper shipping name

IMDG Code: UN Number 1170
Ethanol Solution



Transport hazard class(es)
Packing group
Environmental hazards

III
Dangerous for the environment: No

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Marine pollutant: No

**Air transport
UN proper shipping name**

IATA DGR: UN Number 1170
Ethanol Solution



**Transport hazard class(es)
Packing group
Environmental hazards**

III
Dangerous for the environment: No

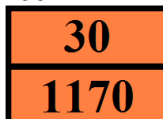
No supplementary information available.

Further information

- Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 144, 601
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container
Instructions (ADR) : T2
Portable tank and bulk container
Special provisions (ADR) : TP1
Tank code (ADR) : LGBF
Vehicle for Tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage-
Packages (ADR) : V12
Special provisions for carriage-
Operations (ADR) : S2

Hazard identification number
(Kemler No.) : 30



Orange plates
Tunnel restriction code (ADR) : D/E
EAC code : •2YE

- Transport by sea

Special provisions (IMDG) : 144, 223
Limited quantities (IMDG) : 5L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01

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IBC packing instructions (IMDG) : IBC03
Mixed packing provisions (IMDG) : MP19
Tank instructions (IMDG) : T2
Tank special provisions (IMDG) : TP1
EmS-no. (Fire) : F-E
EmS-no. (Spillage) : S-D
Stowage category (IMDG) : A
Properties and observations (IMDG) : Colourless, volatile liquids, Pure Ethanol:
Flashpoint 13°c.c Miscible in water.

- Air Transport

PCA Excepted quantities (IATA) : E1
PCA limited quantities : Y344
PCA limited quantities max net quantity (IATA) : 10L
PCA packing instruction (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instruction (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3, A58, A180
ERG code (IATA) : 3L

Transport in bulk according to Annex II of Marpol 73/78 and the IBC code~

Not applicable

15. Regulatory information

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

15.1.1. EU-Regulations

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

Full text of H- and EUH-statmentd

Flam. Liq. 2 : Flammable liquids, Category 2

H225 : Highly flammable liquid and vapor

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any

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specification, or for any given application, and buyers should seek to verify their requirements and product use.

Compiled by K.Simmons

Authorised Signature:

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