Safety Data Sheet
Hand Sanitiser

Date prepared: 08/04/2020 Date revised: (V1.0)

*See section 16 – Other Information

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may be exposed to the material or are responsible for the use of the material. This safety Data sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

Substance trade name:	Hand Sanitiser
Unique reference number(s):	F884501BLK
Company name & address	Herrco Cosmetics Ltd, 5-9 Broadway Drive, Halesworth, Suffolk, IP19 8QR, United Kingdom
Contact Telephone:	01986 874 149
Contact name:	Derek Herrmann

Use of Product:

A finished product for hand cleansing and sanitization.

2. Hazards Identification

Herrco Cosmetics confirms that the manufactured product, in accordance with CLP Regulation 1272/2008, is considered safe for normal and foreseeable use.

- Concentrated product, do not ingest.
- Observe good housekeeping practices.
- This product might cause skin and/or eye irritation.

Pictograms	
	This product is considered Flammable, making it hazardous for transportation in accordance with the Carriage of Dangerous Goods Act 2009.

2.1 Classification of Substance or Mixture

Flammable Liquid, Hazard Category 2
Eye Damage / Irritation Category 2
H225, Highly Flammable Liquid and Vapour
H319, Causes Serious Eye Damage

2.2 Label Elements

Signal Word	Flammable / Warning

Hazard Statements	H225 Highly Flammable Liquid and Vapour H319 Causes serious eye irritation
Supplemental Information	N/A
Precautionary Statements	P102, Keep out of reach of children. P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking. P233, Keep container tightly closed. P240, Ground/bond container and receiving equipment. P241, Use explosion-proof electrical, ventilating and lighting equipment. P242, Use only non-sparking tools. P243, Take precautionary measures against static discharge. P264, Wash hands and other contacted skin thoroughly after handling. P280, Wear protective gloves/eye protection/face protection. P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337/313, If eye irritation persists: Get medical advice/attention. P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction. P403/235, Store in a well-ventilated place. Keep cool. P501, Dispose of contents/container to approved disposal site, in accordance with local regulations
Other Hazards	**PBT:** This product is not identified as a PBT/vPvB substance.

3. Composition

Name	CAS	EC	REACH No.	Concentration	Classification
Ethanol	64-17-5	200-578-6	01-2119457610-43-XXXX	55-65%	Flam. Liq. 2: H225

4. First aid measures

CAUTION!	First aid personnel must be aware of own risk during rescue.
Inhalation	If any signs of adverse effect, move to an area of fresh air and obtain medical advice. If breathing has stopped perform artificial respiration.
Eye Exposure	Rinse immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Exposure	Finished product may have the potential to cause irritation. If signs of irritation occur, then discontinue use.
Ingestion	Do not induce vomiting. Rinse mouth with water and obtain immediate medical attention.
Most important symptoms and effects, both acute and	Ingestion or inhalation may cause symptoms of gastrointestinal distress.

delayed:	Direct contact of the liquid or spray with the eye may cause irritation. May cause an allergic reaction.
Indication of any immediate medical attention and special treatments needed	Treatment to be considered on a symptom by symptom basis

5. Firefighting measures	
Extinguishing Media	This substance is flammable. Use: Water Spray, Fog or Mist. Alcohol Resistant Foam. Carbon Dioxide, Dry Powder Chemicals, Sand Do not use non-alcohol resistant foam
Special Hazards arising from substance or mixture	Thermal Decomposition or combustion may liberate carbon oxides and other toxic gases or fumes. May ignite if exposed to flames or sparks.
Extinguishing Media Special Hazards arising from substance or mixture	If possible, fight fire from protected position. Containers close to fire should be removed immediately or cooled with water. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Water spray should be used to cool containers. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Be aware of risk of fire re-starting, and risk of explosion. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.
Advice for Fire Fighters	Protective equipment for fire-fighters Self contained breathing apparatus and full protective clothing must be worn in case of fire

6. Accidental release measures	
Personal precautions:	No action to be taken involving any personal risk without suitable training. Wear appropriate personal protection.
Spillage:	Clean up spillage promptly. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe local disposal regulations.
Environmental precautions:	Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. To prevent release, place container with damaged side up. Contain spillages with sand, earth or any suitable adsorbent material.

7. Handling and storage	
Handling advice:	Ensure a good level of hygiene is maintained during the use of this product. Do not use on broken skin. Do not spray near naked flames, hot surfaces and other sources of ignition. Do not spray near the face
Storage:	Keep in a cool, dry, ventilated area away from direct sunlight or heat sources. Keep containers upright and replace cap after use.
Fire Protection:	See section 5

8. Exposure Controls			
Name	**Long-term exposure limit (8-hr TWA reference period**	**Short-term exposure limit (15 minute reference period)**	**Source**
Ethanol	1000 ppm (1920 mg/m^3)	—	EH40, 2011
Ventilation:	N/A		
Hygiene Measures:	For large quantities, wear protective gloves. Wash hands, forearms and face thoroughly after handling, and before eating, drinking, and using the lavatory and at the end of each working period.		
Respiratory Protection:	No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation are sufficient.		
Eye Protection:	For heavy exposure, use tight fitting goggles, face shield or safety glasses with side shields if eye contact might occur		
Skin Protection:	For heavy exposure, avoid excessive skin contact.		

9. Physical and chemical properties	
Appearance	Colourless Liquid
Odour	Standard Fragrance
Odour Threshold	Not known
pH	N/A
Melting Point	Not known
Boiling Point	>70°C
Flashpoint	<23°C
Evaporation Rate	3.4 BuAc=1
Flammability	Non-Combustible
Upper/Lower Flammability Limits	3.3% - 19% (Ethanol)
Vapour Pressure	5.8 kPa @ 20°C (Ethanol)
Vapour Density	1.59 (Air=1) (Ethanol)
Relative Density	Not known
Solubility in Water	Soluble in water.
Solubility in other solvents	Not known
Partition Coefficient	Not known
Auto-ignition Temperature	363°C (Ethanol)
Decomposition Temperature	Not known
Viscosity	Highly Viscous

Explosive Properties	Not considered explosive
Oxidising Properties	Not considered oxidising

10. Stability and reactivity

Stability	The product is stable.
Reactivity	Avoid contact with strong acids, alkalis or oxidizing agents. Presents no significant reactivity hazard, by itself or in contact with water
Hazardous decomposition:	Flammable products
Conditions to avoid	Avoid high temperatures Keep away from sources of ignition

11. Toxicological information

Acute toxicity:	Not available
Skin corrosion/irritancy	No effects on the skin expected from the product supplied
Serious eye damage/irritancy	Direct contact with the eye may cause irritation.
Respiratory/Skin sensitization	The fragrance might contain components which might cause sensitisation in a small number of individuals.
Local effects:	May cause slight, transient eye irritancy at full strength.
Chronic Toxicity:	Not available
Mutagenicity:	Contains no known mutagens
Carcinogenicity;	Contains no known carcinogens
Reproductive toxicity:	Contains no known reproductive toxins.
STOT-single Exposure	No effects are expected
STOT-repeated Exposure	No effects are expected
Aspiration hazard	Not applicable

12. Ecological information

Toxicity	This product is not expected to present a hazard to the environment.
Persistence & Degradability	This product is biodegradable.
Bio accumulative potential	This product does not contain any components known to bio accumulate.
Mobility in Soil	This product might be water soluble and may spread in water systems. Large quantities may penetrate the soil and could contaminate groundwater.
Results of PBT and vPvB Assessment	This product does not contain any PBT or vPvB substances.
Other Adverse Effects	Not known.

13. Disposal Considerations

- Prevent contamination of soil, ground and waters.
- Do not dispose of into the environment or sewage system.

- The product and its container should be disposed of according to local regulations, via a licensed waste disposal contractor.

14. Transport information

	ADR	IMDG	ICAO
UN Number	1266	1266	1266
UN Proper shipping name	PERFUMERY PRODUCTS	PERFUMERY PRODUCTS	PERFUMERY PRODUCTS
Transport hazard class(es)	3	3	3
Packing group	II	II	II
Environmental hazards	None	None	None
Special precautions for user	Tunnel Code D/E	EmS: F-E, S-D	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable
Comments	This product is hazardous for transportation.		

15. Regulatory Information

- Environmental Protection Act 1990
- Hazardous Waste Regulations 2005
- Workplace Exposure Limits EH40
- REACH Regulation 1907/2006
- Health & Safety at Work Act 1974
- COSHH Regulations 2002
- Carriage of Dangerous Goods Regulations 2007
- European Chemicals Agency

16. Other Information

This document has been prepared to the requirements of the REACH Regulation (EC) No 1907/2006, but is not a mandated SDS and is provided for information purposes only.

The information on this document is provided for information only and was obtained from current and reputable sources. However, the data is provided without warranty, expressed or implied, regarding correctness or accuracy. It is the user's responsibility to assume liability for loss, injury or damage, or expense resulting from improper use of this product.

Hazard Code	Precautionary Statements
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

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H320	Causes eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
SS 1B	Sensitization - Skin Category 1B
P264	Wash hands and other contacted skin thoroughly after handling
P273	Avoid release to the environment.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	Rinse Mouth
P331	Do not induce vomiting
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P391	Collect Spillage
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.