

PRODUCT SAFETY DATA SHEET

Supplier: Chemical Solutions
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In compliance with Chip 3 and ACOP, Compilation of Safety Data Sheets, 3rd Edition, this information is provided to help inform Risk Assessments. Its contents cannot be considered to be a risk assessment under Management of Health & Safety or other such regulations. Risk Assessments require consideration of other information related to the precise circumstances and situation to which a substance or preparation is to be used. Such information is not available to the supplier/compiler of this data.

Product Identification **ORANGE FORCE**

Impregnated Handcleaner Towels. Liquid concentrate with citrus fragrance saturated onto a polypropylene towel

Composition

Hazardous Components

(Common Chemical Name)	% w/w	CAS Number	Class	Risk Phrases
d-Limonene	5-10	5989-27-5	Xi	R10-38-43-50-53
Propan-2-ol	1-5	67-63-0	Xi, F	R11, 36, 67
Isoparaffin	1-5	68551-17-7	Xn	R65

Hazardous Identification

This product is exempt from CHIP 3 regulations, and comes under the Cosmetic Products Regulations 1996. Tests carried out on the product do not classify the product as a skin irritant or sensitizer.

First Aid Measures

<i>Eyes</i>	Irritating to eyes. Wash immediately with copious amounts of clean water. If any irritation persists, seek medical advice.
<i>Ingestion</i>	Do not induce vomiting. Drink plenty of milk or water and seek medical advice.
<i>Inhalation</i>	Remove to fresh air for at least 10 minutes. If symptoms persist seek medical advice
<i>Skin</i>	Product is designed as a handcleaner and is unlikely to cause any problems

Fire Fighting Measures

Liquid base does not support combustion. If involved in a fire then use carbon dioxide, dry chemical, foam or water spray mist.

Accidental Release Measures

Product is a liquid absorbed onto a polypropylene towel, so spillages of liquid are unlikely. If the product is spilt, collect into a suitable plastic container and dispose as contaminated waste in line with local regulations. Wash area of spill with water to remove any product residue, small quantities can be washed down foul water sewers.

Handling & Storage

Handling For external use only. Avoid towel contact with eyes and prolonged contact with face to prevent polyethylene fibre abrasive from causing irritation/soreness and to avoid any potential risk of infection from the soiling collected on towel. Avoid heat, naked flames and all sources of ignition. Do not contaminate food or water by storage or use. Keep out of reach of children. Read container label instructions before using.

Storage Store in a cool, dry place in original containers, keeping the lids sealed when not in use.

Exposure Controls and Personal Protection

Hazardous Components

(Common Chemical Name)	8 hour TWA	15 mins STEL	Related Information
Propan-2-ol	400ppm	500ppm	EH40/2002
d-Limonene	Not listed	Not listed	Not listed EH40/2002

Personal Protection When not using the product for hand cleaning (eg cleaning machinery or equipment) and where prolonged skin contact with product may be involved, then the use of protective gloves and the provision of good ventilation are recommended.

Physical & Chemical Properties

pH @ 25°C	Typically 7.5 for the liquid base	Flammability	Not flammable
Specific Gravity @ 25°C	Typically 0.97	Flash Point (C.C) (°C)	Above 100°C
Viscosity @ 25°C	Similar to water	Autoflammability (°C)	Not determined
Boiling Point/Range (°C)	Approx 100°C	Evaporation (BuAc=1)	Not determined
Freezing Point (°C)	Approx 0°C	Flammable limits	Not determined
Solubility in Water	Miscible	Vapour Density (Air=1)	> 1
Solubility in Solvent	Miscible in hydrocarbons	VOC Content	39g/Lt

Stability & Reactivity

Stability	Stable under normal conditions of use
Conditions to Avoid	Naked flames, red-hot surfaces and other high temperature sources of forms of ignition
Incompatibility	Oxidising agents, bleaches, strong acids and alkalis
Decomposition Product	Hydrocarbon smoke and soot, hydrogen sulphide, oxides of carbon and other similar dioxide may be produced
Other Information	Hazardous polymerisation will not occur

Toxicological Information

<i>Exposure Route</i>	<i>Acute & Chronic Effects</i>	<i>Symptoms & Conditions</i>
Eyes	Redness, irritation	Soreness, eyes watering and/or itching
Inhalation	Headache, throat irritation	Headache, throat irritation
Skin	Not normally a problem as the product is designed for skin cleaning	
Ingestion	Stomach pains, nausea, diarrhoea	Irritation to throat, mouth & stomach pains

Ecological Information

Product is biodegradable and degraded by normal sewage treatment. Avoid discharge into watercourses, ponds, etc.

Disposal Conditions

Product: Controlled waste, dispose in accordance with local authority regulations.

Container: When empty and completely dry dispose of as general waste

Transport Information

UN (SIN)	Non hazardous	Description	Non hazardous
ADR/RID	Non hazardous	Packing Group	Non hazardous
IATA	Non hazardous	Tariff Number	3491 19 00 0
IMDG	Non hazardous	Tremcard	Non hazardous

Regulatory Information

Label information	Cosmetic product – not regulated under CHIP 3
Risk Phrases	Not necessary
Safety Phrases	For external use only. Do not allow towel contact with eyes. Keep away from heat sources. Keep away from children

Other Information

Use only in accordance with manufacturers labels and instructions.

Orange Force. 11 March 04 Rev 1