

**BRASSICA ALCOHOL - SUSTOLEO BA – SAFETY DATA SHEET**
**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**
**PRODUCT IDENTIFIER**

Product name (as on label)	Brassica Alcohol - SustOleo BA
INCI	Brassica Alcohol
Recommended Use	Manufacture of personal care products

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale, Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

**EMERGENCY TELEPHONE NUMBER**

CHEMCALL	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	NZ Poisons Centre 0800 POISON (0800 764 766)

**SECTION 2 HAZARDS IDENTIFICATION**

TRANSPORT CLASSIFICATION NON-DANGEROUS GOODS

Hazard Classification (New Zealand) NON-HAZARDOUS CHEMICAL

*Classified in accordance to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and the Australian Dangerous Goods Code. NZ Classifications in accordance with HSNO Act requirements.*

SIGNAL WORD N/A

GHS PICTOGRAMS NONE ALLOCATED

POISONS SCHEDULING (AUSTRALIA)  
 SUSMP SCHEDULE NUMBER: NONE

HSNO INFORMATION  
 HSNO APPROVAL GROUP: Not a hazardous substance – Exempted

*NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.*

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Component Name	CAS No.	Concentration*
Brassica alcohol	Mixture	100

**SECTION 4 FIRST AID MEASURES**

Contact the National Poison Information Centre on 13 11 26 or a Doctor in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur seek medical attention immediately.

SPECIFIC MEASURES	No specific treatment data available.
INHALATION	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
SKIN CONTACT	Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash contaminated clothing before re-use.
EYE CONTACT	In case of contact, immediately flush eyes with plenty of water for at least 15minutes. Get medical attention if irritation occurs. Removal of contact lenses should only be undertaken by skilled personnel.
INGESTION/SWALLOWING	If swallowed, DO NOT induce vomiting. Observe victim for 24 hours; seek medical attention if indicated. If vomiting occurs, keep head lower than hips to prevent aspiration. Give water to rinse out mouth, then provide liquid slowly and as much as can be comfortably consumed.
NOTE TO PHYSICIAN	Treat symptomatically.

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## SECTION 5 FIREFIGHTING MEASURES

Flash Point	>200°C (COC)
EXTINGUISHING MEDIA	Use fire-fighting measures that suit the environment. carbon dioxide, water fog, foam, dry chemical
SPECIFIC FIRE-FIGHTING MEASURES	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to cool nearby containers and structures exposed to fire. Fire involving large amounts of material should not be approached because individual containers may rupture abruptly causing "fireball" effect.
FIRE & EXPLOSION HAZARDS	In a fire or if heated, a pressure increase will occur and the container may burst.
RECOMMENDED PROTECTIVE CLOTHING	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
HAZARDOUS COMBUSTION PRODUCTS	Combustion products may include carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> )

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions And PPE</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment
<b>Spill Management</b>	<b>Small Spill:</b> Stop leak if without risk. Move containers from spill area. Absorb with inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	<b>Large Spill:</b> Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.
<b>Environmental Precautions</b>	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused or may cause environmental pollution.

## SECTION 7 HANDLING AND STORAGE

<b>Handling Precautions</b>	Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
<b>Storage Precautions</b>	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

These precautions are suggested for conditions where the potential for exposure exists. Emergency conditions may require additional precautions.

EXPOSURE LIMIT VALUES	No known exposure limit values
ENGINEERING CONTROLS	The level of protection and types of controls necessary will vary depending upon potential exposure conditions.
CONSIDER THESE CONTROLS	Good general ventilation should be sufficient to control worker exposure to airborne contaminants
PERSONAL PROTECTION	Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

<b>RESPIRATORY PROTECTION</b>	If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>HAND PROTECTION</b>	Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Types of hand protection to be considered for this material include: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
<b>EYE PROTECTION</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Splash goggles should be considered.

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<b>SKIN AND BODY PROTECTION</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>SPECIFIC HYGIENE MEASURES</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state &amp; appearance</b>	Yellow solid	<b>Solubility (in water)</b>	Negligible
<b>Odour &amp; Odour threshold</b>	Mild	<b>Partition coefficient (octanol/water)</b>	Data not available
<b>pH</b>	Data not available	<b>Auto-ignition temperature</b>	Data not available
<b>Melting/freezing point</b>	57°C	<b>Decomposition temperature</b>	Data not available
<b>Boiling point/range</b>	>340°C	<b>Viscosity</b>	Data not available
<b>Flash point</b>	200°C (COC)	<b>Specific heat value</b>	Data not available
<b>Evaporation point</b>	Data not available	<b>Particle size</b>	Data not available
<b>Flammability</b>	Data not available	<b>Volatile organic compounds content</b>	Data not available
<b>Upper/lower flammability limits</b>	Data not available	<b>% volatile</b>	Data not available
<b>Vapour pressure</b>	< 1 mmHg	<b>Saturated vapour concentration</b>	Data not available
<b>Vapour density</b>	Data not available	<b>Release of invisible flammable vapours and gas</b>	Data not available
<b>Specific gravity</b>	Data not available		

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	The product is not expected to be unusually reactive
<b>Stability</b>	The product is expected to be stable
<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials and Hazardous Reactions</b>	Under normal conditions of storage and use hazardous reactions will not occur.
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Product is not classified
<b>Skin Corrosion/Irritation</b>	Product is not classified
<b>Serious Eye Damage/Irritation</b>	Product is not classified
<b>Respiratory or Skin Sensitization</b>	Product is not classified
<b>Germ Cell Mutagenicity</b>	Product is not classified
<b>Carcinogenicity</b>	Product is not classified
<b>Reproductive Toxicity</b>	Product is not classified
<b>STOT – Single Exposure</b>	Product is not classified
<b>STOT – Repeated Exposure</b>	Product is not classified
<b>Aspiration Hazards</b>	Product is not classified

## TOXICITY DATA

Component	Oral LD50	Dermal LD50	Inhalation LC50
Product <sup>1</sup>	> 2000 mg/kg (rat)		

## IRRITATION DATA

Component	Skin effects	Eye effects
Product <sup>1</sup>	Non-irritating	Non-irritating

<sup>1</sup> Based on test data from similar products, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

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**SECTION 12 ECOLOGICAL INFORMATION**

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY	Product is not expected to be ecotoxic. Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. The spill area must be cleaned and restored to the original condition or to the satisfaction of authorities.
PERSISTENCE AND DEGRADABILITY	No specific data available
BIOACCUMULATIVE POTENTIAL	No specific data available
MOBILITY IN SOIL	No specific data available

**SECTION 13 DISPOSAL CONSIDERATION**

General Information	Dispose of contents/container in accordance with local/regional/national regulations. Contact a specialist disposal company or the local waste regulator for General Information. Dispose of contents/container in accordance with local/regional/national regulations. Contact a specialist disposal company or the local waste regulator for advice.
Special Precautions for Land Fill	Small quantities of Borax pentahydrate can usually be disposed of at landfill sites. Tonnage quantities of product are not recommended to be sent to landfills. Such product should, if possible, be used for an appropriate application.

**SECTION 14 TRANSPORT INFORMATION**

Product classified as NOT DANGEROUS according to Australian Dangerous Goods Code & NZ Dangerous Goods Rule.

IATA / ICAO: Classified as NOT DANGEROUS Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

IMO / IMDG: Classified as NOT DANGEROUS Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**SECTION 15 REGULATORY INFORMATION**

Complies with the following national/regional chemical inventory requirements:

AICS STATUS	One or more components unlisted on AICS
POISONS SCHEDULING	SUSMP SCHEDULE NUMBER (Australia): NONE
NZIoC STATUS	All components listed or exempted.
HSNO INFORMATION	HSNO APPROVAL GROUP: Not a hazardous substance – Exempted

**SECTION 16 OTHER INFORMATION**

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

## References:

Manufacturer's Safety Data Sheet

Version: 00 Revision Date: 15/04/2016: PIL New issue

Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.