

SAFETY DATA SHEET

JBS NOZZLE DIP GEL

Infosafe No.: LPX4Q
ISSUED Date : 05/09/2018
ISSUED by: JBS / BLACKWOODS

1. IDENTIFICATION

GHS Product Identifier

JBS NOZZLE DIP GEL

Company Name

JBS / BLACKWOODS

Address

Level 4, 26 Talavera Road Macquarie Park
NSW 2113 Australia

Telephone/Fax Number

Tel: +61 2 8873 4800

Fax: +61 2 8873 4935

Emergency phone number

+61 409 078 353

E-mail Address

wis.solutions@wisau.com.au

Recommended use of the chemical and restrictions on use

Relevant identified uses: Used to prevent spatter from sticking to welding nozzles.

Additional Information

Emergency telephone number:

Association / Organisation: Not Available

Emergency telephone numbers: Not Available

Other emergency telephone numbers: Not Available

EMERGENCY RESPONSE

Primary Number: 1800 039 008

Alternative Number 1: +61 2 9186 1132

Alternative Number 2: Not Available

Once connected and if the message is not in your preferred language then please dial 01

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Signal Word (s)

NOT APPLICABLE

Hazard Statement (s)

Not Applicable

Pictogram (s)

Not Applicable

Precautionary statement – Prevention

Not Applicable

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Precautionary statement – Response

Not Applicable

Precautionary statement – Storage

Not Applicable

Precautionary statement – Disposal

Not Applicable

Other Information

Classification: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
WAX		>60 %w
Performance additives		<10 %w

Other Information

Substances:

See section below for composition of Mixtures

4. FIRST-AID MEASURES

Inhalation

If fumes or combustion products are inhaled remove from contaminated area.

Lay patient down. Keep warm and rested.

Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.

Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.

Transport to hospital, or doctor.

Ingestion

If swallowed do NOT induce vomiting.

If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

Observe the patient carefully.

Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.

Seek medical advice.

Skin

If skin or hair contact occurs:

Flush skin and hair with running water (and soap if available).

Seek medical attention in event of irritation.

Eye contact

If this product comes in contact with the eyes:

Wash out immediately with fresh running water.

Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

Seek medical attention without delay; if pain persists or recurs seek medical attention.

Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam.
Dry chemical powder.
BCF (where regulations permit).
Carbon dioxide.
Water spray or fog - Large fires only.

Specific Methods

Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves.
Prevent, by any means available, spillage from entering drains or water course.
Use water delivered as a fine spray to control fire and cool adjacent area.
Avoid spraying water onto liquid pools.
Do not approach containers suspected to be hot.
Cool fire exposed containers with water spray from a protected location.
If safe to do so, remove containers from path of fire.

Specific Hazards Arising From The Chemical

Fire Incompatibility: Avoid contamination with strong oxidising agents as ignition may result

Fire/Explosion Hazard:

Combustible.
Slight fire hazard when exposed to heat or flame.
Heating may cause expansion or decomposition leading to violent rupture of containers.
On combustion, may emit toxic fumes of carbon monoxide (CO).
May emit acrid smoke.
Mists containing combustible materials may be explosive.

NOTE: Burns with intense heat. Produces melting, flowing, burning liquid and dense acrid black smoke.

Hazchem Code

Not Applicable

Decomposition Temperature

Not Available

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

See section 8

Clean-up Methods - Small Spillages

Slippery when spilt.
Clean up all spills immediately.
Avoid contact with skin and eyes.
Wear impervious gloves and safety goggles.
Trowel up/scrape up.
Place spilled material in clean, dry, sealed container.
Flush spill area with water.

Clean-up Methods - Large Spillages

Slippery when spilt.
Minor hazard.
Clear area of personnel.
Alert Fire Brigade and tell them location and nature of hazard.
Control personal contact with the substance, by using protective equipment as required.
Prevent spillage from entering drains or water ways.
Contain spill with sand, earth or vermiculite.
Collect recoverable product into labelled containers for recycling.

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Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.
Wash area and prevent runoff into drains or waterways.
If contamination of drains or waterways occurs, advise emergency services.

Environmental Precautions

See section 12

Other Information

Personal Protective Equipment advice is contained in Section 8 of the SDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Safe handling:

Limit all unnecessary personal contact.

Wear protective clothing when risk of exposure occurs.

Use in a well-ventilated area.

When handling DO NOT eat, drink or smoke.

Always wash hands with soap and water after handling.

Avoid physical damage to containers.

Use good occupational work practice.

Observe manufacturer's storage and handling recommendations contained within this SDS.

Other information:

Store in original containers.

Keep containers securely sealed.

No smoking, naked lights or ignition sources.

Store in a cool, dry, well-ventilated area.

Store away from incompatible materials and foodstuff containers.

Protect containers against physical damage and check regularly for leaks.

Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

Suitable container:

Metal can or drum

Packaging as recommended by manufacturer.

Check all containers are clearly labelled and free from leaks.

Storage incompatibility: Avoid storage with oxidisers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

INGREDIENT DATA

Not Available

EMERGENCY LIMITS

Ingredient: JBS Nozzle Dip Gel

Material name: Not Available

TEEL-1: Not Available

TEEL-2: Not Available

TEEL-3: Not Available

Ingredient: JBS Nozzle Dip Gel

Original IDLH: Not Available

Revised IDLH: Not Available

MATERIAL DATA

None assigned for mixture or identified for ingredient(s).

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Appropriate Engineering Controls

None under normal operating conditions.

Respiratory Protection

Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)

Required Minimum Protection Factor: up to 10 x ES

Half-Face Respirator: P1

Full-Face Respirator: -

Powered Air Respirator: PAPR-P1

Half-Face Respirator: Air-line*

Full-Face Respirator: -

Powered Air Respirator: -

Required Minimum Protection Factor: up to 50 x ES

Half-Face Respirator: Air-line**

Full-Face Respirator: P2

Powered Air Respirator: PAPR-P2

Required Minimum Protection Factor: up to 100 x ES

Half-Face Respirator: -

Full-Face Respirator: P3

Powered Air Respirator: -

Full-Face Respirator: Air-line*

Powered Air Respirator: -

Required Minimum Protection Factor: 100+ x ES

Half-Face Respirator: -

Full-Face Respirator: Air-line**

Powered Air Respirator: PAPR-P3

* - Negative pressure demand ** - Continuous flow

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO₂), G = Agricultural chemicals, K = Ammonia(NH₃), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

Eye Protection

No special equipment for minor exposure i.e. when handling small quantities.

OTHERWISE:

Safety glasses with side shields.

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]

Hand Protection

No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves, e.g. PVC.

Body Protection

Other protection:

No special equipment needed when handling small quantities.

OTHERWISE:

Overalls.

Barrier cream.

Eyewash unit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Gel

Appearance

Blue gel; does not mix with water.

Odour

Not Available

Decomposition Temperature

Not Available

Solubility in Water

Immiscible

pH

Not Applicable (as supplied)

Not Applicable as a solution (1%)

Vapour Pressure

Not Applicable

Vapour Density (Air=1)

>2

Evaporation Rate

Not Applicable

Physical State

Non Slump Paste

Odour Threshold

Not Available

Viscosity

Not Available

Volatile Component

Not Available

Partition Coefficient: n-octanol/water

Not Available

Surface tension

Not Available

Flash Point

>220 °C (PMCC)

Flammability

Not Applicable

Auto-Ignition Temperature

Not Available

Explosion Limit - Upper

Not Applicable

Explosion Limit - Lower

Not Applicable

Explosion Properties

Not Available

Molecular Weight

Not Applicable

Oxidising Properties

Not Available

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Initial boiling point and boiling range

>350 °C

Relative density

0.82 (Water = 1)

Melting/Freezing Point

Not Available

Other Information

Taste: Not Available

Gas group: Not Available

VOC g/L: Not Available

10. STABILITY AND REACTIVITY

Reactivity

See section 7

Chemical Stability

Unstable in the presence of incompatible materials.

Product is considered stable.

Hazardous polymerisation will not occur.

Conditions to Avoid

See section 7

Incompatible materials

See section 7

Hazardous Decomposition Products

See section 5

Possibility of hazardous reactions

See section 7

11. TOXICOLOGICAL INFORMATION

Toxicology Information

JBS Nozzle Dip Gel

TOXICITY: Not Available

IRRITATION: Not Available

Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS.
Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

JBS Nozzle Dip Gel

Not available for mixture or identified for ingredient(s).

Acute Toxicity: Data Not Available to make classification

Ingestion

The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence. The material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.

Inhalation

Not normally a hazard due to non-volatile nature of product.

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Skin

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye

Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

Skin corrosion/irritation

Data Not Available to make classification

Serious eye damage/irritation

Data Not Available to make classification

Mutagenicity

Data Not Available to make classification

Respiratory sensitisation

Data Not Available to make classification

Skin Sensitisation

Data Not Available to make classification

Carcinogenicity

Data Not Available to make classification

Reproductive Toxicity

Data Not Available to make classification

STOT-single exposure

Data Not Available to make classification

STOT-repeated exposure

Data Not Available to make classification

Aspiration Hazard

Data Not Available to make classification

Chronic Effects

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

12. ECOLOGICAL INFORMATION

Ecotoxicity

JBS Nozzle Dip Gel

ENDPOINT: Not Available

TEST DURATION (HR): Not Available

SPECIES: Not Available

VALUE: Not Available

SOURCE: Not Available

Legend: Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Persistence and degradability

Persistence: Water/Soil: No Data available for all ingredients

Persistence: Air: No Data available for all ingredients

Mobility

Mobility:

No Data available for all ingredients

Bioaccumulative Potential

Bioaccumulation:

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No Data available for all ingredients

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Product / Packaging disposal:

Consult manufacturer for recycling options and recycle where possible .

Consult State Land Waste Management Authority for disposal.

Incinerate residue at an approved site.

Recycle containers if possible, or dispose of in an authorised landfill.

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

Hazchem Code

Not Applicable

Other Information

Labels Required:

Marine Pollutant: NO

HAZCHEM: Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code:

Not Applicable

15. REGULATORY INFORMATION

Regulatory information

National Inventory Status:

National Inventory: Australia - AICS

Status: Y

National Inventory: Canada - DSL

Status: Y

National Inventory: Canada - NDSL

Status: Y

National Inventory: China - IECSC

Status: Y

National Inventory: Europe - EINEC / ELINCS / NLP

Status: Y

National Inventory: Japan - ENCS

Status: Y

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National Inventory: Korea - KECl

Status: Y

National Inventory: New Zealand - NZIoC

Status: Y

National Inventory: Philippines - PICCS

Status: Y

National Inventory: USA - TSCA

Status: Y

Legend:

Y = All ingredients are on the inventory

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

User Codes

User Title Label	User Codes
Wis Numbers	09568417

Other Information

Version No: 3.1.1.1

Safety Data Sheet according to WHS and ADG requirements

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The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations:

PC-TWA: Permissible Concentration-Time Weighted Average

PC-STEL: Permissible Concentration-Short Term Exposure Limit

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit

IDLH: Immediately Dangerous to Life or Health Concentrations

OSF: Odour Safety Factor

NOAEL: No Observed Adverse Effect Level

LOAEL: Lowest Observed Adverse Effect Level

TLV: Threshold Limit Value

LOD: Limit Of Detection

OTV: Odour Threshold Value

BCF: BioConcentration Factors

BEI: Biological Exposure Index

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown.

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END OF SDS

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