SAFETY DATA SHEET

UNCONTROLLED COPY

JBS WATER BASED ANTI-SPATTER SPRAY

Infosafe No.: LPX4P
ISSUED Date : 05/09/2018
ISSUED by: CALLINGTON HAVEN PTY LTD

1. IDENTIFICATION

GHS Product Identifier
JBS WATER BASED ANTI-SPATTER SPRAY

Company Name
CALLINGTON HAVEN PTY LTD

Address
30 South Street (PO BOX 144) Rydalmere
NSW 2116 Australia

Telephone/Fax Number
Tel: +61 2 9898 2788|+61 2 9898 2731
Fax: +61 2 9684 4215|+61 2 9475 0449

Emergency phone number
1800 039 008 (24 hours); +61 3 9573 3112 (24 hours)

E-mail Address
sales@calhaven.com.au

Recommended use of the chemical and restrictions on use
Used to prevent spatter adhering to metal while welding.

Additional Information
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 prefered 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

Precautionary statement – Prevention
Not Applicable

Precautionary statement – Response
Not Applicable

Precautionary statement – Storage
Not Applicable

Precautionary statement – Disposal
Not Applicable

Other Information
Classification: Not Applicable
Label elements
GHS label elements: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition
Substances
See section below for composition of Mixtures

Ingredients

Name	CAS	Proportion
surfactants		1- 10 %
Performance additives		10- 20 %
Dye		<1 %
Water	7732- 18- 5	Balance

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
Immediately give a glass of water.
First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

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
There is no restriction on the type of extinguisher which may be used.

Specific Methods
Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves in the event of a fire.
Prevent, by any means available, spillage from entering drains or water courses.
Use fire fighting procedures suitable for surrounding area.
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.
Equipment should be thoroughly decontaminated after use.

Specific Hazards Arising From The Chemical
Fire Incompatibility: None known
Fire/Explosion Hazard
Non combustible.

Not considered to be a significant fire risk.
Expansion or decomposition on heating may lead to violent rupture of containers.
Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
May emit acrid smoke.
Other decomposition products include:
carbon dioxide (CO_2)

Decomposition Temperature
Not Available

6. ACCIDENTAL RELEASE MEASURES

Clean-up Methods - Small Spillages
Clean up all spills immediately.
Slippery when spilt.
Wipe up.
Place in clean drum then flush 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.
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.

Other Information
Personal Protective Equipment advice is contained in Section 8 (EXPOSURE CONTROLS/PERSONAL PROTECTION) 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.
Store in a cool, dry, well ventilated area.
DO NOT allow to freeze.
Store away from incompatible materials.
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
Polyethylene or polypropylene container.
Packing as recommended by manufacturer.
Check all containers are clearly labelled and free from leaks.
Storage incompatibility
None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
Control parameters
OCCUPATIONAL EXPOSURE LIMITS (OEL)
INGREDIENT DATA
Not Available
EMERGENCY LIMITS
Ingredient: JBS WATER BASED ANTI-SPATTER SPRAY
Material name: Not Available
TEEL-1: Not Available
TEEL-2: Not Available
TEEL-3: Not Available
Ingredient: water
Original IDLH: Not Available
Revised IDLH: Not Available
MATERIAL DATA
None assigned for mixture or identified for ingredient(s).

Appropriate Engineering Controls
None under normal operating conditions.

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 general protective gloves, e.g. light weight rubber gloves.

Thermal Hazards
Not Available

Body Protection
Other protection
No special equipment needed when handling small quantities.
OTHERWISE:
Overalls.
Barrier cream.
Eyewash unit.

Other Information
Recommended material(s)
GLOVE SELECTION INDEX
Glove selection is based on a modified presentation of the:
"Forsberg Clothing Performance Index".
The effect(s) of the following substance(s) are taken into account in the computer-generated selection:
JBS Water Based Anti-Spatter Spray
Material: BUTYL
CPI: A
Material: NEOPRENE
CPI: A
Material: VITON
CPI: A
Material: NATURAL RUBBER
CPI: C
Material: PVA
CPI: C

* CPI - Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -
* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form
Liquid

Appearance
Clear blue liquid; mixes with water.

Odour
Not Available

Decomposition Temperature
Not Available

Solubility in Water
Miscible

pH
Not Available (as supplied)
Not Available as a solution (1%)

Vapour Pressure
2.3 kPa @ 20 degC

Vapour Density (Air=1)
Not Available

Evaporation Rate
Not Available

Odour Threshold
Not Available

Viscosity
Not Available

Volatile Component
Not Available

Partition Coefficient: n-octanol/water
Not Available

Surface tension
Not Available

Flash Point
Not Applicable

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

Initial boiling point and boiling range
Not Available

Relative density
0.99-1.01

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 (HANDLING AND STORAGE)

Chemical Stability
Product is considered stable and hazardous polymerisation will not occur.

Conditions to Avoid
See section 7 (HANDLING AND STORAGE)

Incompatible materials
See section 7 (HANDLING AND STORAGE)

Hazardous Decomposition Products
See section 5 (FIREFIGHTING MEASURES)

Possibility of hazardous reactions
See section 7 (HANDLING AND STORAGE)

11. TOXICOLOGICAL INFORMATION

Toxicology Information
JBS WATER BASED ANTI-SPATTER SPRAY
TOXICITY
Not Available
IRRITATION
Not Available
water
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 Water Based Anti-Spatter Spray
Not available for mixture or identified for ingredient(s).
WATER
No significant acute toxicological data identified in literature search.
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

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 liquid 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

Ecological information
Toxicity
JBS Water Based Anti-Spatter Spray
Endpoint: Not Available
Test Duration (hr): Not Available
Species: Not Available
Value: Not Available
Source: Not Available
water
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
Ingredient: water
Persistence: Water/Soil: LOW
Persistence: Air: LOW

Mobility
Ingredient: water
Mobility: LOW (KOC = 14.3)

Bioaccumulative Potential
Ingredient: water

Bioaccumulation: LOW (LogKOW = -1.38)

13. DISPOSAL CONSIDERATIONS

Waste Disposal
Product / Packaging disposal
Recycle wherever possible or consult manufacturer for recycling options.
Consult State Land Waste Management Authority for disposal.
Bury residue in an authorised landfill.
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

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
Safety, health and environmental regulations / legislation specific for the substance or mixture
WATER(7732-18-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS
Australia Inventory of Chemical Substances (AICS)
National Inventory: Canada - NDSL
Status: Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) (water)
National Inventory: China - IECSC
Status: All ingredients are on the inventory
National Inventory: Europe - EINEC / ELINCS / NLP
Status: All ingredients are on the inventory
National Inventory: Japan - ENCS
Status: All ingredients are on the inventory
National Inventory: Korea - KECI
Status: All ingredients are on the inventory
National Inventory: New Zealand - NZIoC
Status: All ingredients are on the inventory

Poisons Schedule
Not Scheduled

Hazard Rating Systems
Flammability: 0
Toxicity: 0
Body Contact: 0
Reactivity: 0
Chronic: 0
0 = Minimum
1 = Low
2 = Moderate

3 = High
4 = Extreme

Australia (AICS)
All ingredients are on the inventory

Philippines (PICCS)
All ingredients are on the inventory

USA (TSCA)
All ingredients are on the inventory

16. OTHER INFORMATION

User Codes

User Title Label	User Codes
Wis Numbers	00432157
Wis Numbers	00432174
Wis Numbers	00432191

Other Information
Version No: 3.1.1.1
Safety Data Sheet according to WHS and ADG requirements
Hazard Alert Code: 0
L.GHS.AUS.EN
Other means of identification: Not Available
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
PCC-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□B
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. Any disclaimer by the manufacturer may not be included in the transcription.

END OF SDS