

Page: 1 of 6

In fosafe No™ LPWO0

Issue Date : January 2020

ISSUED BY UBEAUTEN

Product Name

SHELLAWAX / SHELLAWAX GLOW Classified as hazardous

I. Identification		INFO AT A GLANCE	
GHS Product Identifier Company Name	SHELLAWAX / SHELLAWAX GLOW	U.N. Number Proper Shipping	1993 Flammable Liquid, N.O.S
Address	74 Anomaly Street Moolap VIC 3221 Australia	Name	(CONTAINS: ETHANOL)
Telephone Number Ernergency phone	Tel: +61 3 5248 3030 +61 3 5248 3030	DG Class Hazchem code	3 3[y]
Recommended use of the chemical and restrictions on use	Friction polish for workturners	Flash Point Packing Group EMS no:	23°C III F-E,S-E

### 2. Hazard Identification

- 4			
(	GHS classification of the substance/mixture	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)	
	Signal Word (s)	Classification: Flammable Liquids: Category 3 Eye Damage/Irritation: Category 2A WARNING	
		H226 Flammable liquid and vapour. H319 Causes serious eye irritation.	
	Pictogram (s)	Flame, Exclamation mark	
	Precautionary statement- Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.	
	Precautionary statement-response	<pre>GENERAL: P370+P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction. SKIN: P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P332+P313 If skin irritation occurs: Get medical advice/ attention. EYES: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.</pre>	
	Precautionary statement - Storage Precautionary statement- Disposal	P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container to an approved waste disposal plant.	



CS: 1.10.183

Page: 2 of 6

Infosafe No™ LPWOO

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Product Name SHELLAWAX / SHELLAWAX GLOW

Supplemental<br/>informationThe information under this heading is not mandatory under WHS Regulations. It<br/>is provided as information on other GHS hazard classes and categories and/or<br/>environmental hazards that are outside the scope of the WHS Regulations.<br/>H316 Causes mild skin irritation.

#### 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion	
	Ethanol	64-17-5	30-60 %	
	Stoddard solvent	8052-41-3	0-<5 %	
	1-Butanol	71-36-3	0-<2.5 %	
	Ingredients determin not to be hazardous	ed	Balance	

### 4. First-aid measures

Ingestionrecovered. If symptoms develop and/or persist seek medical attention.IngestionDo not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.SkinRemove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.Eye contactIf in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.First Aid FacilitiesEye wash and normal washroom facilities.Advice to DoctorTreat symptomatically.Other InformationFor advice in an emergency, contact a Poisons Information Centre (Phone			
attention.SkinRemove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.Eye contactIf in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.First Aid FacilitiesEye wash and normal washroom facilities.Advice to DoctorTreat symptomatically.Other InformationFor advice in an emergency, contact a Poisons Information Centre (Phone	Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.	
<ul> <li>with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.</li> <li>Eye contact If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.</li> <li>First Aid Facilities Eye wash and normal washroom facilities.</li> <li>Advice to Doctor Treat symptomatically.</li> <li>Other Information For advice in an emergency, contact a Poisons Information Centre (Phone</li> </ul>	Ingestion	5 5 1	
<ul> <li>water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.</li> <li>First Aid Facilities Eye wash and normal washroom facilities.</li> <li>Advice to Doctor Treat symptomatically.</li> <li>Other Information For advice in an emergency, contact a Poisons Information Centre (Phone</li> </ul>	Skin	with soap and water. Wash contaminated clothing before reuse or discard. Seek	
Advice to DoctorTreat symptomatically.Other InformationFor advice in an emergency, contact a Poisons Information Centre (Phone	Eye contact	water. Remove contact lenses. Continue flushing for several minutes until all	
Other Information For advice in an emergency, contact a Poisons Information Centre (Phone	<b>First Aid Facilities</b>	Eye wash and normal washroom facilities.	
	Advice to Doctor	Treat symptomatically.	
	Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.	

### 5. Fire-fighting measures

Suitable extinguishing media	Use carbon dioxide, dry chemical or foam. Alcohol resistant foam is preferred. If not available normal foam can be used.	
Unsuitable	Do not use water jet.	
<b>Extinguishing Media</b>		
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.	
Specific hazards arising from the chemical	Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.	
Hazchem Code	• 3Y	
Decomposition Temp.	Not available	
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.	

### 6. Accidental release measures

Emergency Procedures	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations.
	Ispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.



Page: 3 of 6

Infosafe No™ LPWO0

Issue Date : January 2020

ISSUED BY UBEAUTEN

Product Name SHELLAWAX / SHELLAWAX GLOW

Classified as hazardous

#### 7. Handling and storage

Precautions for Safe Handling Conditions for safe storage, including any incompatabilities	Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with local exhaust ventilation, away from sparks, flames and other ignition sources. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers tightly closed. Take precautionary measures against static discharges. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities. Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical
	damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.
8. Exposure control	ols/personal protection
Occupational exposure limit values	No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below: Safe Work, Australia Exposure Standards: Substance TWA STEL NOTICES
	ppm mg/m³ ppm mg/m³ Ethanol 1000 1880
	Stoddard solvent - 790
	1-Butanol 50 152 (peak) Sk
	TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur. No biological limits allocated.

Appropriate engineering controls Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres -Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

RespiratoryIf engineering controls are not effective in controlling airborne exposure<br/>then an approved respirator with a replaceable organic vapour filter should be<br/>used. Reference should be made to Australian/New Zealand Standards AS/NZS<br/>1715, Selection, Use and Maintenance of Respiratory Protective Devices; and<br/>AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary<br/>changes for individual circumstances.

Eye Protection
 Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
 Hand Protection
 Wear gloves of impervious material such as nitrile rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e.

**Biological Limit** 

Values



cs: 1.10.183

Page: 4 of 6

Infosafe No™	
Product Name	SHELLAWAX / SHELLAWAX GLOW
	Classified as hazardous
	methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable protective workwear should be worn when working with this material, e.g. cotton overalls buttoned at neck and wrist.
9. Physical and cho	emical properties
Appearance	SWAX- Pale cream colour, thick smooth cream GLOW- Orange colour, thick smooth liquid
Odour	Sweet fragrance
Decomposition	Not available
Temperature Melting	50-70°C
Point Boiling Point	80-197°C
Solubility in Water	Partially miscible
Solubility in Organic	Soluble in most organic solvents
Solvents Specific Gravity	0.7-0.9
рН	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	21/20 est(40°C)
Partition Coefficient: n-octanol/water	Not available
Flash Point	23°C
Flammability	Flammable
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available
10. Stability and r	eactivity
Reactivity	Reacts with incompatible materials.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, flames and other sources of ignition.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
The second second	Will not accur

### 11. Toxicological Information

Will not occur.

Toxicology Information

Hazardous Polymerization

No toxicity data available for this material.



CS: 1.10.183

Page: 5 of 6

Infosafe No™ LPWO0

Issue Date : January 2020

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### Product Name SHELLAWAX / SHELLAWAX GLOW

Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Skin	Causes mild skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
Eye	Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
Respiratory sensitisation	Not expected to be a respiratory sensitiser.
Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mta tagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Not considered to be a carcinogenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
AS(liration Hazard	Not expected to be an aspiration hazard.

### 12. Ecological information

Ecotoxicity	No ecological data are available for this material.
Persistence and degradability	Not available
Mobility	Not available
Bioaccumulati ve Potential	Not available
Environmental Protection	Do not discharge this material into waterways, drains and sewers.

### 13. Disposal considerations

Disposal Dispose of waste according to applicable local and national regulations. Considerations Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.

### **14. Transport information**

Transport Information	<pre>Road and Rail Transport (ADG Code): This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) Class 3 - Flammable Liquids are incompatible in a placard load with any of the following: - Class 1, Explosives - Division 2.1, Flammable Gases, (Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500 L.) - Division 2.3, Toxic Gases - Division 4.2 Spontaneously Combustible Substances - Division 5.1 Oxidising Agents and Division 5.2, Organic Peroxides</pre>

CS: 1.10.183



Issue Date :January 2020

Page: 6 of 6

ISSUED BY UBEAUTEN

Product Name SHELLAWAX / SHELLAWAX GLOW

Infosafe No<sup>™</sup> LPWO0

Classified as hazardous

Marine Transport (IMO/IMDG): Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. UN No.: 1993 Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL) Class: 3 Packaging Group: III EMS No.: F-E, S-E Special Provision: 223, 274, 955

Air Transport (ICAO/IATA): Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. UN No.: 1993 Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL) Class: 3 Packaging Group: III Packaging Instructions (passenger & cargo): 355 Packaging Instructions (cargo only): 366 Special Provision: A3 1993 FLAMMABLE LIQUID, N.O.S. - (CONTAINS ETHANOL) shipping name **Transport hazard** 3 **Hazchem Code** 3[Y]

Packing Group	111
EPG Number	3A1
IERG Number	14
IMDG Marine pollutant	No

### 15. Regulatory information

**U.N. Number** 

**UN proper** 

class(es)

Regulatory Information	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule	Not Scheduled
AICS (Australia)	The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

#### 16. Other Information

Date of preparation or last revision of	SDS Reviewed: January2020 Supersedes: August 2014
SDS	Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
303	1
Literature	Standard for the Uniform Scheduling of Medicines and Poisons.
References	Australian Code for the Transport of Dangerous Goods by Road & Rail.
	Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens,
	restricted carcinogens and restricted hazardous chemicals.
	Workplace exposure standards for airborne contaminants, Safe work Australia.
	American Conference of Industrial Hygienists (ACGIH).
	Globally Harmonised System of classification and labelling of chemicals

Globally Harmonised System of classification and labelling of chemicals.

### ... End Of MSDS ...

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