

HOT FORGING GRAPHITE LUBRICANT SUREFILM GWS20 SAFETY DATA SHEET

MSDS No: Product Name: Manufacturers Code: Date:	SUREFILM GWS20 GWS20-10, GWS20-20 January 2017	QUICK SMART PRODUCTS 53 ASSEMBLY DRIVE TULLAMARINE VIC 3043 ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: gsmart@bigpond.net.au Web: www.quicksmartproducts.com.au
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	SUREFILM GWS20		
Company Name	QUICK SMART PRODUCTS PTY LTD		
Address	53 Assembly Drive Tullamarine Vic 3043		
Telephone	(03)9338 6655 (BH)	Poisons Information Centre 131126 (AH)	(03) 9336 7945 (AH)
Recommended Use	Metal lubricant		

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture Classified as **hazardous** according to Work, Health and Safety Regulations, Australia.

GHS Classification

Hazard Categories Skin Corrosion/Irritation: Category 1B

GHS Label Elements

Signal Word WARNING

Symbol(s)



Hazard Statements H3.

Precautionary Statements

Prevention

P260:	Do not breathe dust/fume/gas/mist/vapours/spray.
P264:	Wash thoroughly after handling.
P280:	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353:	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340:	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305+p351+p338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310:	Immediately call a POISON CENTER or doctor/physician.
P363:	Wash contaminated clothing before reuse.

Storage P405: Store locked up.

Disposal P501: Dispose of contents/container in accordance with relevant regulations.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No	Concentration % (w/w)
A mixture of 5-chloro-2-methyl-2H-isothiazol-3-one	55965-84-9	<10

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. FIRST AID MEASURES

For advice contact the Poisons Information Centre – 131 126

Description of necessary measures according to routes of exposure

Eye	In case of contact, hold eyelids apart and flush continuously with running water for at least 15 minutes or until advised to stop by a Poisons Information Centre or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.
Skin	If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water for at least 15 minutes or until advised to stop by a Poisons Information Centre or a Doctor. Seek immediate medical attention if skin irritation persists. Wash contaminated clothing before re-use. Clean shoes thoroughly before re-use.
Inhalation	Move the affected person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position for breathing. If the victim is not breathing, apply artificial resuscitation and seek urgent medical attention. In serious cases of over-exposure, seek immediate medical attention.
Ingestion	Do NOT induce vomiting. Rinse mouth; then drink one or two large glasses of water. Seek immediate medical attention. For advice, contact Poison Information Centre on 131126 or a doctor. Never give anything by mouth to an unconscious person.
First Aid Facilities	First aid kits, safety showers, eye wash stations should be available.
Notes to Physician	No specific treatment. Treat symptomatically.

5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Prevent extinguishing media from escaping to drains and waterways.
Suitable Extinguishing Media	Use extinguishing media suitable for surrounding fires.
Fire/Explosion Hazards	No specific hazard.
Special Protective Equipment for Fire Fighters	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

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Hazardous Thermal Decomposition Products

Decomposition products may include the following materials: carbon dioxide, carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Eliminate all ignition sources if safe to do so. Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
Environmental Precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Spillage/Methods for Cleaning Up	Spillages are slippery. Clean up immediately. Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent materials e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

7. HANDLING AND STORAGE

Handling	Use 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 maintain good personal hygiene when using this product, i.e. wash hands before eating, drinking, smoking or using the toilet facilities. Remove contaminated clothing and protective equipment before entering eating areas. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Storage	Keep container tightly closed when not in use. Keep container in a cool, well-ventilated area. Inspect containers regularly for deficiencies such as damage or leaks.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits	No exposure standard allocated for this product.
Engineering Measures	Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
Personal Protection	The recommendation for protective equipment contained within this SDS is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made. Check with PPE suppliers.
Eyes/Face	Wear safety glasses or goggles.
Hands	Wear any impervious glove. Recommended: PVC gloves.
Respiratory	Not required under normal conditions of use.
Skin	Suitable protective work wear, e.g. coveralls, safety boots, is recommended. Chemical resistant plastic apron is recommended when using large quantities or where heavy contamination is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Black
Odour	Hydrocarbon
pH	6 to 8 [Conc. (% w/w): 100%]
Flash Point	Product does not support combustion
Boiling Point	>100°C (>212°F)
Relative Density	0.99 to 1.01
Solubility	Easily soluble in the following materials: cold water and hot water

10. STABILITY AND REACTIVITY

Stability	The product is stable under normal conditions of storage and use.
Conditions to Avoid	None identified.
Materials to Avoid	Reactive or incompatible with the following materials: reducing materials.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.

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11. TOXICOLOGICAL INFORMATION

Potential Acute Health Effects

Inhalation	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Skin Contact	May cause sensitisation by skin contact.
Eye Contact	No known significant effects or critical hazards.

Potential Chronic Health Effects

Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Reproductive Toxicity	No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity Data	Not available.
Persistence/ Degradability	Not available.
Mobility	Not available.
Other Adverse Effects	No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Methods of Disposal	The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and run off and contact with soil, waterways, drains and sewers.
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14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods for Transport (ADG Code, IMDG)

Regulation	UN Number	Proper Shipping Name	Class	Packing Group	Additional Information
ADG	Not regulated	-	-	-	-
IMDG	Not regulated	-	-	-	-

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15. REGULATORY INFORMATION

Australia Inventory (AICS)	All substances are listed on AICS or exempt.
AU Classification	Xi – Irritant R43 – May cause sensitisation by skin contact. Classified as hazardous according to the criteria of Safe Work Australia. Classified as non-dangerous goods according to the ADG Code.

Standard for the Uniform Scheduling of Drugs and Poisons

Not scheduled.

Control of Scheduled Carcinogenic Substances

Ingredient Name	No listed substance
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16. OTHER INFORMATION

Contact Person/Point	Technical Information: (03) 9338 6655
Date of Preparation or last revision of MSDS	MSDS Updated: 15 November 2017 - Inclusion of "Hot Forging Graphite Lubricant" in title

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service Registry Number
GHS	Globally Harmonised System of Classification and Labelling
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LEL	Lower Explosion Limit
mg/m³	Milligrams per Cubic Metre
NOHSC	National Occupational Health and Safety Commission
ppm	Parts Per Million
STEL	Short Term Exposure Limit
SDS	Safety Data Sheet
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TWA	Time Weighted Average
UEL	Upper Explosion Limit

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material or from any failure to adhere to recommendations. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF SDS