

This safety data sheet was created pursuant to the requirements of:  
SafeWork Australia Approved Code of Practice about the preparation of safety data sheets  
for hazardous chemicals (July 2020), which is an approved code of practice under section  
274 of the Work Health and Safety Act

**Issuing Date** 21-Jul-2025

**Revision Date** 21-Jul-2025

**Revision Number** 1

## Section 1: Identification

### Product identifier

**Product Name** SG HD XF Black  
**Product Code(s)** Item # 506181-XF, Description: Sublijet HD XF Black

### Other means of identification

**Pure substance/mixture** Mixture

### Recommended use of the chemical and restrictions on use

**Recommended use** Ink  
**Uses advised against** Use only for intended applications

### Details of manufacturer or importer

#### Importer

GJS Group Australia  
Unit 2/16 Mavis Street  
Revesby New South Wales 2212  
+61 1800 457 888

#### Manufacturer

Sawgrass Technologies, Inc.  
420 Wando Park Blvd  
Mount Pleasant, SC 29492  
USA  
843-884-1575

For further information, please contact

**E-mail address** ap@sawgrassink.com

### Emergency telephone number

**Emergency telephone number** CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

## Section 2: Hazard(s) identification

### GHS Classification

<b>Skin sensitisation</b>	Category 1A
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### Label elements

Exclamation mark

**Signal word**

WARNING

**Hazard statements**

May cause an allergic skin reaction

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapours/spray

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves/protective clothing/eye protection/face protection

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Take off all contaminated clothing and wash it before reuse

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards which do not result in classification**

May be harmful if inhaled.

**Section 3: Composition/information on ingredients**

Chemical name	CAS No	Weight-%
9,10-Anthracenedione, 1-amino-4-hydroxy-2-phenoxy-	17418-58-5	0.2 - 4
Chemical name	CAS No	Weight-%
Non-hazardous ingredients	Proprietary	Balance

**Section 4: First aid measures****Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Emergency telephone number</b>	Poisons Information Centre, Australia: 13 11 26
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids.
<b>Skin contact</b>	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Itching. Rashes. Hives.
<b>Effects of Exposure</b>	No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to doctors** May cause sensitisation in susceptible persons. Treat symptomatically.

**Section 5: Firefighting measures****Suitable Extinguishing Media**

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** Product is or contains a sensitiser. May cause sensitisation by skin contact.

**Special protective actions for fire-fighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**Section 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labelled containers.

**Precautions to prevent secondary hazards**

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**Section 7: Handling and storage****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Wear personal protective equipment. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

## Section 8: Exposure controls and personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear suitable protective clothing.

**Hand protection** Wear suitable gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** No information available.

**Thermal hazards** No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance** coloured liquid

**Physical state** Liquid

**Colour** Magenta

**Odour** Odourless

**Odour threshold** No information available

### Values

**pH** 6 - 10

**Melting point / freezing point**

**Initial boiling point and boiling range** ~ 100 °C

**Flash point**

**Evaporation rate**

**Flammability**

**Flammability Limit in Air**

**Upper flammability or explosive limits**

**Lower flammability or explosive limits**

### Remarks • Method

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

**Vapour pressure**

**Vapour density**

Relative density		No data available
Water solubility	Miscible in water	
Solubility(ies)		No data available
Partition coefficient		No data available
Autoignition temperature		No data available
Decomposition temperature		No data available
Kinematic viscosity		No data available
Dynamic viscosity	2 - 8 mPa s	
<b><u>Other information</u></b>		
Softening point	No information available	
Molecular weight	No information available	
VOC content	No information available	
Liquid Density	No information available	
Bulk density	No information available	
Particle characteristics	No information available	

## Section 10: Stability and reactivity

### Reactivity

Reactivity None under normal use conditions.

### Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### Conditions to avoid

Conditions to avoid High temperature.

### Incompatible materials

Incompatible materials None known based on information supplied.

### Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

## Section 11: Toxicological information

### Information on likely routes of exposure

#### Product Information

Inhalation	May be harmful if inhaled.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitisation by skin contact. (based on components). Repeated or prolonged skin contact may cause

allergic reactions with susceptible persons.

#### Ingestion

Specific test data for the substance or mixture is not available.

#### Symptoms

Itching. Rashes. Hives.

#### Acute toxicity

#### Numerical measures of toxicity - Product Information

##### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral) 125,125.00 mg/kg  
ATEmix (inhalation-dust/mist) 6.96 mg/l

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
9,10-Anthracenedione, 1-amino-4-hydroxy-2-phenoxy-	> 5 g/kg ( Rat )	-	-

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

##### Skin corrosion/irritation

No information available.

##### Serious eye damage/eye irritation

No information available.

##### Respiratory or skin sensitisation

May cause an allergic skin reaction.

##### Germ cell mutagenicity

No information available.

##### Carcinogenicity

No information available.

##### Reproductive toxicity

No information available.

##### STOT - single exposure

No information available.

##### STOT - repeated exposure

No information available.

##### Aspiration hazard

No information available.

## Section 12: Ecological information

#### Ecotoxicity

##### Aquatic ecotoxicity

The environmental impact of this product has not been fully investigated.

##### Unknown aquatic toxicity

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

##### Terrestrial ecotoxicity

There is no data for this product.

#### Persistence and degradability

**Persistence and degradability** No information available.

### **Bioaccumulative potential**

#### **Bioaccumulation**

Chemical name	Partition coefficient
9,10-Anthracenedione, 1-amino-4-hydroxy-2-phenoxy-	1.766

### **Mobility**

**Mobility** No information available.

### **Other adverse effects**

**Other adverse effects** No information available.

## **Section 13: Disposal considerations**

### **Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

*See section 8 for more information*

## **Section 14: Transport information**

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL and the IBC Code**  
No information available

## **Section 15: Regulatory information**

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **National regulations**

##### **Australia**

See section 8 for national exposure control parameters

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)**  
No poisons schedule number allocated

**Australian Industrial Chemicals Introduction Scheme (AICIS)**

Chemical name	Australian Industrial Chemicals Introduction Scheme (AICIS)	Additional information
9,10-Anthracenedione, 1-amino-4-hydroxy-2-phenoxy- - 17418-58-5	Present	-

**Illicit Drug Precursors/Reagents**

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

**International Inventories**

Contact supplier for inventory compliance status

**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

**Section 16: Other information**

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**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
Australian Industrial Chemicals Introduction Scheme (AICIS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)



New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Disclaimer**

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**End of Safety Data Sheet**