



## Safety Data Sheet

**Product Name** Regen Smokemaster  
**Revision** 5  
**Last Reviewed** 10/01/2022

---

### 1. Identification

---

**Product Name** Smokemaster  
**Chemical Name** Not available  
**Other Names** Liquid smoke germinator  
**Chemical Formula** Complex mixture  
**Manufacturers Code** SBREGSM  
**CAS Number** N/A  
**UN Number** N/A  
**Recommended Use** For use to assist in the germination of plant species that require smoke triggers to initiate germination process.

**Restrictions on Use** None known. Not recommended for any use other than described on label

#### Contact Details of Chemical Manufacturer

**Company** Grayson Australia (Tecnica Pty Ltd)  
ABN 72 006 828 879  
**Office Address** U4 9 Newcastle Rd, Bayswater VIC Australia 3153  
**Postal Address** PO Box 134, Bayswater VIC Australia 3153  
**Telephone** +61 3 8727 6900  
**Facsimile** N/A  
**Email** [info@graysonaustralia.com](mailto:info@graysonaustralia.com)  
**Website** [www.graysonaustralia.com.au](http://www.graysonaustralia.com.au)

#### Emergency Contacts

Do NOT contact these organisations for product information. Contact for emergency assistance only.

**Immediate Medical Danger** 000 (Australia) Use the emergency number for your state/country

**Fire** 000 (Australia) Use the emergency number for your state/country

During business hours for non-urgent emergency or hazard details

**Chemical Information** +61 3 8727 6900 or [info@graysonaustralia.com](mailto:info@graysonaustralia.com)

---

#### GRAYSON AUSTRALIA

Tecnica Pty Ltd ABN 72 006 828 879  
Postal Address: PO Box 134, Bayswater Vic 3153 Australia  
Unit 4, 7-9 Newcastle Road, Bayswater Vic 3153 Australia  
Tel: 03 8727 6900 Fax: N/A  
Email: [info@graysonaustralia.com](mailto:info@graysonaustralia.com)



---

## 2. Hazards Identification

---

### Global Harmonised System (GHS) Classification

**GHS Classification** Classified as HAZARDOUS in accordance with GHS criteria for labelling and classifying of chemicals

**Signal Word** Warning

### Hazard Classes

Skin Corrosion/Irritation: Category 2B

Serious Eye Damage/Irritation: Category 2B

### GHS Pictograms

Exclamation Mark



### Dangerous Goods Class

Non-Dangerous Goods

### GHS Hazard Statements

H320 Causes eye irritation

### Non-GHS Statements (Aus)

### Precautionary Statements

#### Prevention statements

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

P103 Read label before use

P234 Keep only in original container

P264 Wash hands thoroughly after handling

P280 Wear protective gloves, clothing, eye and face protection

#### Response Statements

P302 **IF ON SKIN:**

+ P321 - Specific treatment (shown in First Aid Measure on this SDS)

+ P332 +P313- If skin irritation occurs: Get medical attention/advice

+ P352 - Wash with plenty of soap and water

+ P362 - Take off contaminated clothing and wash before reuse

P305 **IF IN EYES:**

+P337 +P313- If eye irritation persists: seek immediate medical attention

+P338 - Remove contact lenses, if present and easy to do. Continue rinsing

+P351 -Rinse cautiously with water for several minutes

#### Storage Statements

P406 - Store in a corrosion resistant container with a resistant inner liner

#### Disposal Statements

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

---

## 3. Composition/Information on Ingredients

---

## Ingredients

Chemical Entity	Liquid Smoke Condensates (incl. Natural Acetic Acid)
Chemical Formula	Various
Common Names	Condensates, Liquid Smoke, Pyrolysis Liquid Extracts
Chemical Family	Organic Compounds
CAS#	N/A
UN#	N/A
Concentration Range	<10%

Chemical Entity	Polyoxyethylene 20 sorbitan monoleate
Chemical Formula	$C_{64}H_{124}O_{26}$
Common Names	Poly, Polysorbate 80, E433
Chemical Family	Organic Compound
CAS#	9005-65-6
UN#	N/A
Concentration Range	<10%

Chemical Entity	Artificial Colour Blue No. 1
Chemical Formula	$C_{37}H_{34}N_2Na_2O_9S_3$
Common Names	Brilliant Blue E133
Chemical Family	Inorganic Salt
CAS#	3844-45-9
UN#	N/A
Concentration Range	<10%

Chemical Entity	Water
Chemical Formula	$H_2O$
Common Names	Water, aqua, dihydrogen monoxide
Chemical Family	Inorganic Compound
CAS#	7732-18-5
UN#	N/A
Concentration Range	>60%

---

## 4. First Aid Measures

---

### Generic Advice

Seek medical attention or advise from Poison Information Centre, a doctor or physician if exposure has occurred. If any abnormal symptoms are noticed while being exposed or previously exposed to chemical, seek medical advice. If a victim feels unwell, it is necessary to immediately seek medical attention. It is NOT normal to become unwell or experience any symptoms through normal use; if any symptom occurs while using this product treat immediately and appropriately while seeking advice from medical professional or Poison Information Centre.

### If Swallowed

Do NOT induce vomiting. If the victim is conscious- rinse mouth of victim liberally. Give a glass of water. If the victim is unconscious or having seizures do not give anything into their mouth. Seek medical attention.

**If on Skin and/or Hair** Flush exposed site with water immediately. Do not stop washing for a minimum of 15 min. Do not stop earlier unless directed by the Poisons Information Centre or a doctor. Soap may be used to help remove insoluble material. Contaminated clothing should be removed and washed before leaving the site or being re-worn. Seek medical advice.

**If Inhaled** Move person away from away from the chemical into fresh air. If normal breath does not quickly return seek immediate medical attention. If breathing stops provide artificial respiration. A qualified medical professional may provide oxygen through a face mask. Do not re-enter exposure zone to avoid additional victims until the area is assured to be safe. Ensure clothing and other areas of the victims body have not been contaminated. Apply appropriate first aid as outlined in this section if additional exposures have occurred.

**If in Eyes** Flush open eyes with running water for at least 15 min. Do not stop earlier unless directed by the Poisons Information Centre or a doctor. Immediate medical attention is necessary.

#### **Important Symptoms of Exposure**

Smoke condensates contain weak acids that can cause irritation to all parts of the body when exposed.

Acute Irritation to skin and eyes.

Delayed Long term exposures can cause burns, irritation and dermatitis.

---

### **5. Fire-Fighting Measures**

---

**Extinguishing Media** Substance is not flammable. Use any extinguisher adequate for surrounding fire and compatible with chemicals in vicinity.

Non-suitable None known.

**Hazards from material** None known

**Flash Point** Non-combustible

**Special Equipment** Fire fighters should wear a self contained breathing apparatus to avoid breathing vapours.

**Special Precautions** Material is irritating. Fire fighting water will dilute chemical but will likely remain slightly acidic. Use caution with run-off and avoid spillage into waterways or drains.

**Hazchem Code** N/A

---

## 6. Accidental Release Measures

---

### Personal Precautions, Protective Equipment and Emergency Procedures

Non-Emergency Personnel      Wear described PPE when responding to spills. Spill may be cleaned with water and caustic/detergent solutions. Collect liquid with absorbant material. Ground will become slippery so care should be taken. If unsure or inexperienced responding to a spill seek experienced chemical spill response assistance.

Emergency Responders      Use suitable protection while responding to release event. All PPE should meet or exceed Australian Standards. All release management strategies should be implemented. If uncontained from site, affected parties should be notified.

#### **PPE required (minimum)**

Eyes- Face Shield or Goggles

Gloves- Use Heavy duty nitrile

Respiratory Protection-

Suit- Coveralls or durable clothing

Footwear- Enclosed foot wear

### Environmental Precautions

Precautions      Do not allow the product to enter waterways, drains, sewers or to be released uncontained into the environment. If this occurs contact the EPA and the local waste & water authorities to report the release.

Effect of release      Not determined

### Methods and Materials for Containment and Cleaning Up

Containment      Material leak should be contained in a bunded area. Drains and other exit points should be covered until material is neutralised and diluted. If it is safe to do so, the leak source should be repaired to prevent further leaks/spills.

Material Removal      Using an absorbent such as sand, dry earth or non-flammable commercial absorbent materials the majority of the material should be collected and stored in an appropriate container. The material should be disposed in at landfill

Clean up      After majority of liquid spill is collected, clean up can start using water with small amounts of commercial cleaning product such as caustic or detergents. Observe all environmental requirements.

---

## 7. Handling and Storage

---

### Precautions for Safe Handling

PPE required when handling the chemical includes full covered clothing, enclosed footwear, glasses and gloves. Chemical should be used in bunded area if possible or over solid ground to make spill clean ups possible.

### General Warnings

Eating, drinking and smoking within work areas or in the vicinity of this chemical is prohibited. Wash hands after use. Any contaminated clothing and protective equipment should be removed prior to entering eating areas.

**Conditions for Safe Storage, including any incompatibilities**

Material should be kept inside the provided container, with the lid firmly shut until point of use. Keep material stored in cool dry place.

---

**8. Exposure Controls and Personal Protection**

---

<b>Control Parameters</b>	Based on Acetic Acid- minor component of Smoke Condensates
Exposure Limits	Australia: TWA 10ppm (25 mg/m <sup>3</sup> ) - Safe Work Australia STEL 15ppm (37 mg/m <sup>3</sup> )- Safe Work Australia Other: TWA 10ppm (25 mg/m <sup>3</sup> )- OSHAB STEL No limit allocated- OSHAB
Biological Limits	No data found

**Engineering Controls**

Use only in a well ventilated area; if possible use local exhaust ventilation. Minimise operator contact where possible.

**Individual Protection Measures, such as Personal Protective Equipment (PPE)**

General	All PPE should meet or exceed Australian Standards requirements. PPE required depends on level of interaction, PPE appropriate to emergency situations will be different to adjusting dosing equipment. Risk assessments should be undertaken to evaluate the hazard level for chemical interactions and apply policies enforcing suitable PPE for the individual situation.
Eye and face	Wear suitable goggles or protective glasses when interacting with the product to prevent splashing into eyes or face.
Respiratory	Ensure air is well ventilated and sprays of solution are not inhaled.
Hands	Heavy duty nitrile gloves should be worn when interacting with chemical.
Clothing	Coveralls or wear durable covered clothing.

---

**9. Physical and Chemical Properties**

---

<b>Appearance</b>	Dark brown liquid
<b>Odour</b>	Strong wood smoke aroma
<b>Odour Threshold</b>	No data
<b>pH</b>	3 to 5
<b>Melting/Freezing Point</b>	Not available
<b>Initial Boiling Point and Boiling Range</b>	

<b>Flash Point</b>	Not Available
<b>Evaporation Rate</b>	N/A
<b>Flammability</b>	N/A
<b>Upper/Lower Flammability or Explosive Limits</b>	Not flammable
<b>Vapour Pressure</b>	N/A
<b>Vapour Density</b>	Not Available
<b>Solubility</b>	Not Available
<b>Partition Coefficient: n-octanol/water</b>	Extremely soluble in water
<b>Auto-ignition Temperature</b>	Not Available
<b>Decomposition Temperature</b>	N/A
<b>Viscosity</b>	Not Available
<b>Release of Invisible Flammable Vapours and Gases</b>	Not Available

---

## 10. Stability and Reactivity

---

### Reactivity

Material contains weak acids. Under ambient conditions & contained in supplied container the chemical should not react unless foreign material is added to container.

### Chemical Stability

Chemical is stable under normal ambient conditions.

### Possibility of Hazardous Reactions

Excessive temperatures may vaporise gas and increase container pressure. This may result in material release.

### Conditions to Avoid

High temperatures should be avoided.

### Incompatible Materials

Could react with bases.

### Hazardous Decomposition Products

None known

---

## 11. Toxicological Information

---

### Acute Toxicity

Based on acetic acid

Oral: LD50 20345 mg/kg (rat)

Dermal: No Data Found

Inhalation No Data Found

**Skin Corrosion/Irritation**

Irritant to skin.

**Serious Eye Damage/Irritation**

Can cause severe burns to eyes. If severe, blindness may result.

**Respiratory or Skin Sensitisation**

Sensitisation of respiratory system and/or skin is possible from exposure.

**Germ Cell Mutagenicity**

No data found

**Carcinogenicity**

No data found

**Reproductive Toxicity**

No data Found.

**Specific Target Organ Toxicity (STOT)- Single Exposure**

No data found

**Specific Target Organ Toxicity (STOT)- Repeated Exposure**

No data found

**Aspiration Hazard**

No data found

---

**12. Ecological Information**

---

**Toxicity**

Due to the corrosive and acidic properties of acetic acid this chemical is expected to be toxic to the aquatic environment and to any ecosystem where the chemical is uncontained.

Data:

No data found

**Persistence and Biodegradability**

No data found

**Bio accumulative Potential**

No data found

**Mobility in Soil**

No data found

**Other Adverse Effects**

No other effects to ecosystems known.

---

**13. Disposal Considerations**

---

**Disposal Containers and Methods**

Can be landfilled

**Physical/Chemical Properties that may Affect Disposal Options**

None known

**Effect of Sewage Disposal**

Do not add directly to waste water/sewage supplies. Acidifies aqueous solutions and may result in escape of chemical into environment.

**Special Precautions for Incineration or Landfill**

This product is suitable for landfill.

Always contact local authorities to ensure disposal meets local, state and national regulations.

---

**14. Transport Information**

---



<b>UN number</b>	None Allocated
<b>Proper Shipping or Technical Name</b>	Liquid Smoke Condensates
<b>Transport Hazard Class</b>	N/A
<b>Packing Group</b>	N/A
<b>Environmental Hazards for Transport Purposes</b>	Hazardous to environment if release occurs. Follow release instructions in SDS and seek professional chemical response advice for action.
<b>Special Precautions for User</b>	None known.
<b>Additional Information</b>	Transport only in provided containers
<b>Hazchem or Emergency Action Code</b>	N/A

---

### 15. Regulatory Information

---

<b>Poisons Schedule Number</b>	None Allocated
<b>AICS</b>	Listed

---

### 16. Other Information

---

#### Abbreviations Used

$C_{64}H_{124}O_{26}$	- Polysorbate 80
LC50	-Lethal concentration results in 50% tested population lethality
LD50	-Lethal dose which results in 50% tested population lethality
$NaHCO_3$	- Sodium Bicarbonate
OSHAB	-Occupational Safety and Health Appeals Board
PPE	-Personal protective equipment
SDS	-Safety data sheet
STEL	-Short term exposure limit
STOT	-Specific target organ toxicity
TWA	-Time weighted average

#### Revision History and Changes Made

<b>Date of last preparation</b>	10/01/2022
<b>Revision Number</b>	5
<b>Reason for revision</b>	General Update
<b>Previous revisions</b>	4