

## SAFETY DATA SHEET

Date of Issue: 16-09-2022  
Date of Revision: 19-08-2022

# Alkali-Stop

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Name Alkali-Stop

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s) Not known.

Uses Advised Against Not known.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

Company Identification Pictorial Planet Ltd  
Address of Manufacturer America Cottage  
Rafford,  
Forres,  
Morayshire  
Postal code IV36 2SJ  
Telephone: 07981-177624  
Fax Not known.  
E-mail pictorialplanet@gmail.com  
Office hours

#### Supplier

Company Identification Pictorial Planet Ltd  
Address of Supplier America Cottage  
Rafford,  
Forres,  
Morayshire  
Postal code IV36 2SJ  
Telephone: 07981-177624  
Fax Not known.  
E-mail pictorialplanet@gmail.com  
Office hours

### 1.4 Emergency telephone number

Emergency Phone No. 07981-177624

Contact John Finch

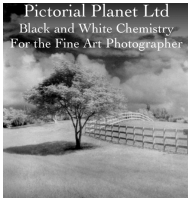
## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

### 2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)  
Alkali-Stop  
Hazard Pictogram(s) None.



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Signal Word(s) None.  
Hazard Statement(s) None.  
Precautionary Statement(s) 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.

#### 2.3 Other hazards

None known.

#### 2.4 Additional Information

None.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
potassium bromide	7758-02-3	231-830-3	1-5	Eye Irrit. 2 H319	GHS07
sodium sulphite	7757-83-7	231-821-4	<5	Not classified	None
sodium hydrogensulphite ... % sodium bisulphite ... %	7631-90-5	231-548-0	<1	Acute Tox. 4 H302	GHS07
sodium metaborate, anhydrous	7775-19-1	231-891-6	<1	Eye Irrit. 2 H319 Repr. 2 H361	GHS08 GHS07
potassium iodide	7681-11-0	231-659-4	<1	STOT RE 1 H372	GHS08

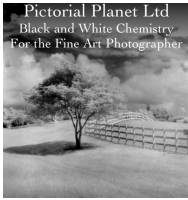
HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
sodium hydrogensulphite ... % sodium bisulphite ... %	7631-90-5			Acute Tox. 4 (H302) : 500.000
sodium metaborate, anhydrous	7775-19-1	Repr. 2 C >= 5.90 <= 100.00		

Contains no non-classified vPvB substances.  
Contains no non-classified substances with a Union workplace exposure limit.  
For full text of H/P Statements see section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.



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Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

#### 4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

#### 5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

#### 5.3 Advice for firefighters

As appropriate for surrounding fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

#### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

#### 6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material.

#### 6.4 Reference to other sections

See Also Section 8, 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Not known.

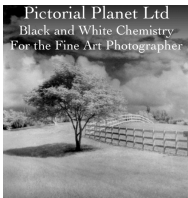
#### 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

#### 7.3 Specific end use(s)

Not known.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



## Alkali-Stop

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Sodium hydrogen sulphite	7631-90-5		5			

Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)
Remark	Notes

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

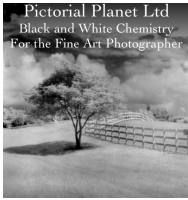
None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Not known.
Odour	Not known.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.



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Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	Not known.
Particle characteristics	Not known.

#### 9.2 Other information

None.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

None anticipated.

#### 10.2 Chemical Stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

#### 10.4 Conditions to avoid

None anticipated.

#### 10.5 Incompatible materials

Not known.

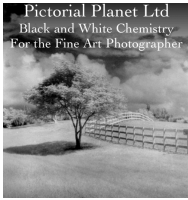
#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 100000.00000
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.



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STOT - single exposure            Calculation method : Not classified.  
STOT - repeated exposure        Calculation method : Not classified.  
Aspiration hazard                 Calculation method : Not classified.

#### 11.2 Information on other hazards

Not known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity - Aquatic invertebrates    Low toxicity to invertebrates.  
Toxicity - Fish                        Low toxicity to fish.  
Toxicity - Algae                      Low toxicity to algae.  
Toxicity - Sediment  
Compartment                         Not classified.  
Toxicity - Terrestrial  
Compartment                         Not classified.

### 12.2 Persistence and degradability

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Endocrine disrupting properties

None known.

### 12.7 Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose at suitable refuse site.

### 13.2 Additional Information

No special precautions are required for this product.

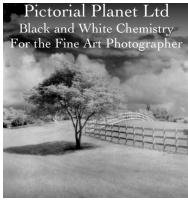
## SECTION 14: TRANSPORT INFORMATION

**Not classified as hazardous for transport.**

### 14.1 UN number or ID number

Not applicable

### 14.2 UN proper shipping name



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Not applicable

#### 14.3 Transport hazard class(es)

Not applicable

#### 14.4 Packing group

Not applicable

#### 14.5 Environmental hazards

Not classified as a Marine Pollutant.

#### 14.6 Special precautions for user

Not known

#### 14.7 Maritime transport in bulk according to IMO instruments

Not known

## SECTION 15: REGULATORY INFORMATION

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

#### European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles sodium hydrogensulphite ... % sodium bisulphite ... % (7631-90-5), sodium metaborate, anhydrous (7775-19-1), potassium bromide (7758-02-3), potassium iodide (7681-11-0)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

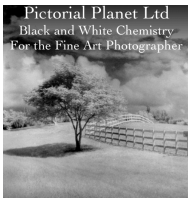
#### National regulations

Other Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION



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The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)	None. GHS07: GHS: Exclamation mark GHS08: GHS: Health hazard
Hazard classification	Acute Tox. 4 : Acute toxicity, Category 4 Eye Irrit. 2 : Serious eye damage/irritation, Category 2 Repr. 2 : Reproductive toxicity, Category 2 STOT RE 1 : Specific target organ toxicity — repeated exposure, Category 1
Hazard Statement(s)	H302: Harmful if swallowed. H319: Causes serious eye irritation. H361: Suspected of damaging fertility or the unborn child. H372: Causes damage to organs through prolonged or repeated exposure.
Precautionary Statement(s)	None.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative
Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
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