

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

**1.1 Product identifier**

Product Name Sensifluid Novobiocin  
 Product code 07-NOVnnn  
 CAS No. Not applicable.  
 EC No. Not applicable.  
 REACH Registration No. Not known.

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

Identified Use(s) For use in Microbiology Laboratories  
 Uses Advised Against Not known.

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

Manufacturer  
 Company Identification Abtek Biologicals Ltd  
 Address of Manufacturer Unit 7  
 Brookfield Business Park  
 Muir Road  
 Liverpool  
 L9 7AR  
 Postal code L9 7AR  
 Telephone: +44 151 525 2459  
 Fax +44 151 525 6231  
 E-mail info@abtekbio.com  
 Office hours

Supplier  
 Company Identification Abtek Biologicals Ltd  
 Address of Supplier Unit 7  
 Brookfield Business Park  
 Muir Road  
 Liverpool  
 L9 7AR  
 Postal code L9 7AR  
 Telephone: +44 151 525 2459  
 Fax +44 151 525 6231  
 E-mail info@abtekbio.com  
 Office hours

**1.4 Emergency telephone number**

Emergency Phone No. Not known.  
 Contact No information available.  
 National response center  
 Address National Poisons Information Service (Birmingham Centre)  
 City Hospital  
 Dudley Road,  
 Birmingham,  
 United Kingdom  
 Emergency Phone No. +00 448 706 006 266 NHS Direct - 0845 4647 or 111

**2. SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Skin Sens. 1 :May cause an allergic skin reaction.

**2.2 Label elements**

Product Name According to Regulation (EC) No. 1272/2008 (CLP)  
 Sensifluid Novobiocin

Hazard Pictogram(s)



GHS07

Signal Word(s) Warning

Hazard Statement(s) H317: May cause an allergic skin reaction.

Precautionary Statement(s) None.

**2.3 Other hazards**

None known.

**2.4 Additional Information**

For full text of H/P Statements see section 16.

### 3. 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)
Novobiocin	1476-53-5	216-023-6	1.00	Skin Sens. 1B H317 Eye Irrit. 2. H319	GHS07

### 4. SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures**

Inhalation Treat symptomatically.  
 Skin Contact Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).  
 Eye Contact Treat symptomatically.  
 Ingestion Treat symptomatically.

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

Allergic contact dermatitis.

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

Specific treatment (see Medical Advice on this label). Treat symptomatically.

### 5. 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**

May decompose in a fire, giving off toxic and irritant vapours.

**5.3 Advice for firefighters**

As appropriate for surrounding fire.

### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Avoid dust generation. Do not breathe dust. Wear suitable protective clothing, gloves and eye/face protection.

**6.2 Environmental precautions**

This material and its container must be disposed of in a safe way.

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

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

**6.4 Reference to other sections**

See Also Section 8, 13.

### 7. SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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

Storage temperature	Store at 2-8°C in original unopened container
Storage life	Stable under normal conditions.
Incompatible materials	None known.

**7.3 Specific end use(s)**

For use in Microbiology Laboratories

**8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

**9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Appearance	Solid.
	Colour : White.
Odour	Not known.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not applicable.
Flash Point	Not applicable.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Completely miscible with water. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.



Oxidising properties Not known.  
**9.2 Other information** None.

## 10. 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** Excess Heat  
**10.5 Incompatible materials** Not known.  
**10.6 Hazardous decomposition products** No hazardous decomposition products known.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects**  
Acute toxicity - Ingestion Not classified.  
Acute toxicity - Skin Contact Not classified.  
Acute toxicity - Inhalation Not classified.  
Skin corrosion/irritation Not classified.  
Serious eye damage/irritation Not classified.  
Skin sensitization data Calculation method : May cause an allergic skin reaction.  
Respiratory sensitization data Not classified.  
Germ cell mutagenicity Not classified.  
Carcinogenicity Not classified.  
Reproductive toxicity Not classified.  
Lactation Not classified.  
STOT - single exposure Not classified.  
STOT - repeated exposure Not classified.  
Aspiration hazard Not classified.  
**11.2 Other information** Not known.

## 12. 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 Degradation** 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 Other adverse effects** Not known.

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**14. SECTION 14: TRANSPORT INFORMATION**

**Not classified as hazardous for transport.**

**15. 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 Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 2037/2000 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.

**16. SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)



GHS07

Hazard classification

Eye Irrit 2 : Serious eye damage/irritation, Category 2  
Skin Sens. 1 : Skin sensitization, Category 1

Hazard Statement(s)

H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P321: Specific treatment (see Medical Advice on this label).  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.



## Acronyms

P501: Dispose of contents in accordance with local, state or national legislation.  
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

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