

# Anti-Viral Converter Solution

## Section 1: Identification

Product identified: OxScience Antiviral Converter

Restrictions on use or sale: None (not EPA approved)

## Section 2: Hazard Identification

Regulation (EU) No 1272/2008

GHS regulations: Not classified as hazardous

CLP regulation: Not classified as hazardous

Directive 67/548/EEC: Not applicable

Directive 1999/45/EC: Not applicable

Classification system: The classification is according to the latest editions of the EU-lists and extended by company literature data. The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature.

Label elements:

Regulation (EC) No 1272/2008: Not regulated

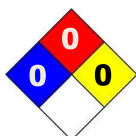
Hazard pictogram: Not regulated

Signal word: Not regulated

Hazard determining components: None

Hazard statements: Not regulated

NFPA Hazard Rating (Scale 0 to 4)



Health (Blue) 0 No precaution necessary  
Flammability (Red) 0 Non-combustible  
Reactivity (Yellow) 0 Not reactive when mixed with water  
Special (White) None

HEALTH

## Section 6. Accidental Release Measures

Environmental precautions: No special measures required  
Protection equipment: Safety glasses, nitrile gloves  
Spills cleanup: Use absorbent material to gather loose material

## Section 7. Handling and Storage

Safe handling: Avoid contact with eyes, skin, and clothing  
Safe storage: Store in a cool, well ventilated area

## Section 8. Exposure Controls and Personal Protection

Limit values: Does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.  
DNEL: No further information available.  
DNEC: No further information available. General protection: Use in a well ventilated workplace. Eye protection: Wear safety glasses.



Respiratory protection: Not necessary in well-ventilated area.  
Skin protection: Wear protective gloves against mechanical hazards according to NIOSH or EN 388.  
Body protection: Not required under normal conditions of use.

HMS Hazard Rating (Scale 0 to 4)



Health (Blue) 0 No significant health risk  
Flammability (Red) 0 Will not burn  
Reactivity (Yellow) 0 Will not react, polymerize, decompose, or self-react. Non-explosive

## Section 3: Composition/Information on ingredients

Dangerous components: None in reportable quantities

Chemical and common name	Wt. %	CAS Registry
Water	97.9 - 99%	7732-18-5
Calfax DB-45	1%	119345-04-9
Halogenated Hydatoin	<0.5%	Not disclosed
Stabilizer	<0.5%	Not disclosed
Hydroxyethyl Cellulose	<0.1%	9004-62-0

## Section 4. First Aid Measures

After inhalation: Supply fresh air; consult doctor in case of complaints  
After skin contact: Clean with water and soap. If skin irritation is experienced, consult a doctor  
After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor  
After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting. Treat symptomatically

## Section 5. Fire-Fighting Measures

Suitable extinguishing media: Noncombustible  
Extinguishing media: Compatible with all extinguishing media  
Unusual hazards: None known

## Sections 9. Physical and Chemical Properties

Appearance: Colorless liquid  
Odor: Pool smell  
Odor threshold: Not determined  
pH values: 2.6 - 5  
Change in condition: Melting point/melting range: 0C  
Boiling point/boiling range: 100C  
Flash point: Not applicable. Will not burn  
Flammability (solid, gas): Not flammable  
Upper/lower limits: Not applicable  
Danger of explosion: Does not present and explosive hazard  
Upper/lower limits: Not applicable  
Relative density: 1 g/cm<sup>3</sup>  
Solubility: Not applicable  
Partition coefficient: Not applicable (insoluble in octanol)  
Auto ignition temperature: W  
Ill not auto ignite  
Decomposition temperature: Not determined  
Viscosity: 1 c.p.

## Section 10. Stability and Reactivity

Chemical stability: Stable if used as intended  
Thermal stability: Stable if used as intended  
Hazardous reaction: Possibility of hazardous reaction with strong acids and strong alkali  
Conditions to avoid: No further information available  
Materials to avoid: Strong acids and strong bases  
Hazardous decomposition: No further information available

## Section 11. Toxicological Information

<b>Toxicological:</b> any	When used and handled according to instructions, the product does not have harmful effects based upon our experience.
<b>Sensitization:</b>	No sensitizing effects known
<b>General EU Guidelines:</b>	Not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
<b>NTP</b>	Not listed in the National Toxicological Program Report on Carcinogens, 2011
<b>IARC</b>	Not listed

## Section 12. Ecological Information

<b>Toxicity:</b>	No known toxicity to plants or animals
<b>Bioaccumulation:</b>	Does not bioaccumulate in animal or plants
<b>Mobility in soil:</b>	Not mobile

## Section 13. Disposal Consideration

<b>Classification:</b>	Not a RCRA Hazardous Waste.
<b>Disposal method:</b>	Small uncontaminated quantities can be disposed of with household waste. Dispose in accordance with federal, state (provincial), and local regulations.

## Section 14. Transportation Information

<b>UN Number:</b>	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
<b>UN Proper Shipping Name:</b>	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
<b>Transport Hazard Class:</b>	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
<b>Packing Group:</b>	DOT, ADR, IMDG, IATA:	Not Regulated
<b>Marine pollutant:</b>	No	
<b>Proper shipping name:</b>	Non-Hazardous for Transport	
<b>Hazard Symbol:</b>	None required	
<b>Hazard Id Number (HM):</b>	None	

### 15. Regulatory Information

#### United States

**SARA 355:** Extremely hazardous substances: None of the ingredient listed

**SARA 313:** Specific toxic chemical listings: None of the ingredients listed

**TSCA:** All of the ingredient are listed

**California Prop 65:** Known

to cause cancer: None of

the ingredients listed Known to

reproductive toxicity: None of

the ingredients listed Known to

cause developmental toxicity:

None of the ingredients listed

**Carcinogen categories:** EPA None of the ingredients listed

IARC None of the ingredients listed

TLV by ACGHI None of the ingredients listed

NIOSH-Ca None of the ingredients listed

**Canada:** Domestic Substances List (DLS) All ingredients are listed

Ingredients Disclosure List (limit 0.1%) None of the ingredients listed

Ingredients Disclosure List (limit 1%) None of the ingredients listed

the ingredients listed

**REACH, Article 57:** Substances of very high concern (SVHC) None of the ingredients listed

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

## 16. Other information

### Safety Data Sheet:

**Approved by:** Alex Masters

**Date:** 2/4/2020

### Abbreviations:

**ACGIH** American Conference of Governmental Industrial Hygienists

**ADR** European Agreement concerning the International Carriage of Dangerous Goods by Road

**ADN** European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

**CAS** Chemical Abstracts Service (division of the American Chemical Society)

**CLP** Classification, Labeling, and Packaging Regulation (EC) No 1272/2008

**DNEL** Derived No-Effect Level (REACH)

**DOT** US Department of Transportation

**DSL** Domestic Substance List

**ELINCS** European List of Notified Chemical Substances

**EPA** Environmental Protection Agency

**GHS** Globally Harmonized System of Classification and Labelling of Chemicals

**HMIS** Hazardous Materials Identification System (USA)

**IARC** International Agency of Research on Cancer

**IATA** International Air Transport Association

**IMDG** International Maritime Code for Dangerous Goods

**NIOSH** National Institute of Occupational Safety and Health

**NFPA** National Fire Protection Association (USA)

**NTP** National Toxicological Program

**PBT** Persistent, Bioaccumulate, and Toxic

**PNEC** Predicted No-Effect Concentration (REACH)

**REACH** Registration, Evaluation, Authorization, and Restriction of Chemicals; (EC) 1907/2008

**RCRA** Resource Conservation and Recovery Act

**SARA** Superfund Amendment and Reauthorization Act

**SVHC** Substances of very high concern

**TSCA** Toxic Substances Control Act

**TLV** Threshold Limit Value

**vPvB** Very persistent and very bioaccumulative

**WHMIS** Workplace Hazardous Materials Information System (Canada)

The information on this Safety Data Sheet is believed to be accurate and is the best information available to OxiScience. This document is intended only as a guide to the appropriate precautions for handling. OxiScience makes no warranty of merchantability or any other warrant, expressed or implied with respect to the information or the product to which this Safety Sheet relates. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purpose.