



# SAFETY DATA SHEET

## 1. IDENTIFICATION

<b>Product Name:</b>	SASS 3010 Wash Fluid
<b>CAS Number:</b>	7732-18-5
<b>Catalog Number:</b>	7000-162-132
<b>Synonyms</b>	No information available
<b>Details of the supplier of the safety data sheet:</b>	Research International, Inc. 17161 Beaton Road S.E. Monroe, Washington 98272-1034 USA
<b>Telephone:</b>	01-800-927-7831
<b>Emergency Telephone:</b>	01-206-724-7905
<b>Recommended Use:</b>	Laboratory chemicals
<b>Restrictions on Use:</b>	Food, drug, pesticide, or biocidal product use.

## 2. HAZARD(S) IDENTIFICATION

<b>Hazard Classification:</b>	Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
<b>Signal Word:</b>	Not applicable.
<b>Label Elements</b>	None required.
<b>Potential Acute Health Effects:</b>	Not applicable.
<b>Carcinogenic Effects Data:</b>	Not applicable.
<b>Chronic Effects of Overexposure:</b>	Not applicable.
<b>Vapor Pressure (mm Hg):</b>	Not applicable.
<b>Solubility in water:</b>	100%
<b>Hazards Not Otherwise Classified:</b>	None identified.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS no.	Weight %
Water	7732-18-5	100

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### 4. FIRST AID MEASURES

<b>Ingestion:</b>	No hazards which require special first aid measures.
<b>Skin Contact:</b>	No hazards which require special first aid measures.
<b>Inhalation:</b>	No hazards which require special first aid measures.
<b>Eye Contact:</b>	No hazards which require special first aid measures.
<b>Most important symptoms and effects</b>	No information available.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.	
<b>Unsuitable Extinguishing Media:</b>	No information available.	
<b>Flash point:</b>	Not applicable.	
<b>Method:</b>	No information available.	
<b>Autoignition Temp.:</b>	No information available.	
<b>Explosion Limits:</b>		
<b>Upper:</b>	No data available.	
<b>Lower:</b>	No data available.	
<b>Sensitivity to Mechanical Impact:</b>	No information available.	
<b>Sensitivity to Static Discharge:</b>	No information available.	
<b>Special Fire-Fighting Procedures:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear.	
<b>Unusual Fire and Explosion Hazards:</b>	None known.	
<b>Hazardous Combustion Products:</b>	None under normal use conditions.	
<b>NFPA Rating:</b>	Health: 0 Flammability: 0 Reactivity: 0 Physical Hazards: 0	
<b>HMIS Rating:</b>	Health: 0 Flammability: 0 Reactivity: 0	

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** No special precautions required. If spilled, take caution, as material can cause surfaces to become very slippery.

**Methods for Containment and Clean Up:** Soak up with inert absorbent material.

### 7. HANDLING AND STORAGE

**Handling:** No special handling procedures are necessary.

**Storage:** No special storage conditions required.

**Incompatible Materials:** None known.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:** This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

**Engineering Measures:** None under normal use conditions.

**Personal Protective Equipment:**

**Eye/Face Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin/Body Protection:** No special protective equipment required.

**Respiratory Protection:** No protective equipment is needed under normal use conditions.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance:</b>	Clear, colorless
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	No information available
<b>pH:</b>	No information available
<b>Boiling Point:</b>	100 °C / 212 °F
<b>Melting Point:</b>	0 °C / 32 °F
<b>Flash Point:</b>	N/A
<b>Evaporation Rate:</b>	No information available
<b>Flammability:</b>	N/A

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**Upper/Lower Flammability Limits:** No information available**Vapor Pressure:** 17.5 mmHg @20 °C**Vapor Density:** No information available**Specific Gravity:** 1.0**Solubility:** 100%**Partition coefficient (n-octanol/water):** No information available**Auto-ignition temperature:** No information available**Decomposition temperature:** No information available**Viscosity:** No information available**Molecular Formula:** H<sub>2</sub>O**Molecular Weight:** 18.02**10. STABILITY AND REACTIVITY****Reactive Hazard:** None known, based on information available**Chemical Stability:** Stable under normal conditions**Conditions to Avoid:** None known**Incompatible Materials:** None known**Hazardous Decomposition Products:** None under normal use conditions.**Hazardous Polymerization:** Hazardous polymerization does not occur.**Hazardous Reactions:** None under normal processing.**11. TOXICOLOGICAL INFORMATION****Acute Toxicity****Product Information** Product does not present an acute toxicity hazard based on known information.**Component Information**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	—	—	—

**Toxicologically Synergistic Products:** No information available

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

<b>Irritation</b>	No information available
<b>Sensitization</b>	No information available
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed

<b>Mutagenic Effects:</b>	No information available
<b>Developmental Effects:</b>	No information available
<b>Teratogenicity:</b>	No information available
<b>STOT - single exposure:</b>	None known
<b>STOT - repeated exposure:</b>	None known
<b>Aspiration hazard:</b>	No Information available
<b>Symptoms/effects, both acute and delayed:</b>	No information available
<b>Endocrine Disruptor Information:</b>	No information available
<b>Other Adverse Effects</b>	When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. The substance is not subject to classification.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Contains no substances known to be hazardous to the environment or that are not degradable in wastewater treatment plants.

<b>Persistence and Degradability</b>	Miscible with water. Persistence is unlikely based on information available.
<b>Bioaccumulation/ Accumulation</b>	No information available.
<b>Mobility</b>	Will likely be mobile in the environment.
<b>Other Adverse Effects</b>	None known.

**13. DISPOSAL CONSIDERATIONS**

<b>Waste Disposal Methods</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
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## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

## 15. REGULATORY INFORMATION

**United States of America Inventory**

Component	CAS-No	TSCA	TSCA Inventory Notification - Active/Inactive	TSCA - EPA Regulatory Flags
Water	7732-18-5	Listed	Active	Not Listed

TSCA 12(b) – Notices of Export Not Applicable

**International Inventories**

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

Component	CAS-No	DSL	NDSL	EINECS	PICCS	ENCS	AICS	IECSC	KECL
Water	7732-18-5	Listed	Not listed	231-791-2	Listed	Listed	Listed	Listed	KE-35400

KECL - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)**U.S. Federal Regulations**

<b>SARA 313</b>	Not applicable
<b>SARA 311/312 Hazard Categories</b>	See section 2 for more information
<b>CWA (Clean Water Act)</b>	Not applicable
<b>Clean Air Act</b>	Not applicable
<b>OSHA – Occupational Safety and Health Administration</b>	Not applicable
<b>CERCLA</b>	Not applicable
<b>California Proposition 65</b>	This product does not contain any Proposition 65 chemicals.
<b>U.S. State Right-to-Know Regulations</b>	Not applicable

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Water	–	–	X	–	–

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**U.S. Department of Transportation**

Reportable Quantity (RQ): N  
 DOT Marine Pollutant N  
 DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security** This product does not contain any DHS chemicals.

**Other International Regulations**

**Mexico – Grade** No information available

**Authorization/Restrictions according to EU REACH**

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

Component	CAS No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Water	7732-18-5	Listed	Not applicable	Not applicable	Not applicable

Component	CAS No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Water	7732-18-5	Not applicable	Not applicable	Not applicable	Not applicable

## 16. OTHER INFORMATION

**Prepared by:** Technical Communications  
 Research International, Inc.  
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**Revision Number:** 2.1

**Revision Date:** June 1, 2023

**Revision Summary:** This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Users should make independent decisions regarding completeness of the information based on all sources available. Research International, Inc. shall not be held liable for any damage resulting from handling or contact with the above product.