SECTION 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

TRADE NAME: Sodium Sulfanilate (Solution in Water)

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

USAGE:

1.3 DETAILS OF THE SUPPLIER OF SAFETY DATA SHEET

MANUFACTURER: NATION FORD CHEMICAL COMPANY
2300 Banks Street
Fort Mill, South Carolina 29715
United States of America

EMAIL: INFO@NATIONFORDCHEM.COM

PRODUCT INFO TELEPHONE: +1-803-548-3210

1.4 EMERGENCY TELEPHONE NUMBER

CHEMTREC: +1-800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF A SUBSTANCE OR MIXTURE

Classification in accordance with Regulation (EC) No 1272/2008 and 29CFR 1910.1200 (OSHA).

Not classified as hazardous

2.2 LABEL ELEMENTS

Labelling in accordance to Regulation (EC) No 1272/2008 and 29CFR 1910 (OSHA).

None required

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCE

SUBSTANCE NAME: Sodium Sulfanilate

EINECS NUMBER:	208-208-5
CAS NUMBER:	515-74-2
PURITY:	30 – 35%
SYNONYMES:	
CLASSIFICATION:	Not Classified

SECTION 4 - FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION	Avoid contact with eyes, skin and clothing. If concerned, seek medical attention.
INHALATION	If large amounts of dust are inhaled, remove to fresh air. If irritation persists, get medical attention.
SKIN CONTACT	Wash with plenty of soap and water. If irritation occurs, get medical attention.
EYE CONTACT	Flush the eyes with large amounts of water, while holding the eyelids open to assure that the entire surface is flushed. Get medical attention if irritation develops.
INGESTION	If large amounts are swallowed, seek medical advice.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Dust may cause eye and skin irritation.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Immediate medical attention should not be necessary.

SECTION 5 – FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA	Carbon Dioxide (CO_2) Powder Water Spray Fight larger fires with water spray or alcohol resistant foam
UNSUITABLE EXTINGUISHING MEDIA	Water with full jet

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous decomposition products may yield oxides of carbon and ammonia compounds.

5.3 ADVICE FOR FIRE FIGHTERS

Use water to cool fire exposed containers. Firefighters should wear full emergency equipment and approved positive pressure self-containing breathing apparatus.

5.4 ADDITIONAL INFORMATION

Dispose of fire debris and contaminated fire-fighting water in accordance with official regulations.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ensure suitable personal protection during removal of spillages. Avoid skin and eye contact and inhalation.

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid releases to the environment. Report releases as required by local and national authorities.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Protect against dust generation and accumulation. Clear up spillage and transfer to a container for disposal. Wash the spill area.

6.4 REFERENCE TO OTHER SECTIONS

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Store in well-ventilated areas. Wear appropriate personal protective equipment as needed to avoid contact. See section 8 for personal protective equipment.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATABILITIES

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES	Store in a dry place. Keep away strong bases. Ensure that containers are clearly and permanently labelled. Store in the original container if possible. Keep container tightly closed.
INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY	Do not store together with bases. Store away from foodstuffs. Store away from flammable substances.

7.3 SPECIFIC END USE(S)

SU9	Manufacture of fine chemicals
SU10	Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMITS
None Established

DNEL VALUES
None Established

PNEC VALUES
None Established

8.2 EXPOSURE CONTROLS:

PERSONAL PROTECTIVE EQUIPMENT GENERAL PROTECTIVE AND HYGIENIC MEASURES:	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
RESPIRATORY PROTECTION	NIOSH/MSHA approved respirator. In case of an accidental release it is recommended to wear appropriate respiratory protection. VENTILATION: Normal criterion for workplace air changes. A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
HAND PROTECTION	Use appropriate protective gloves for prolonged contact.
EYE/FACE PROTECTION	In cases where there is likelihood of eye contact, wear chemical goggles.
SKIN AND BODY PROTECTION	Protective work clothing.
ENVIRONMENTAL EXPOSURE	Do not release into the environment. Dispose of in accordance with local regulations.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Color	Not available
Form	Liquid
Odor	
Odor threshold	Not determined
pH	Neutral
Melting / Freezing Point	275°C (527°F) of Solid
Boiling point	100°C (212°F)
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gaseous)	Product is classified.
Upper Explosion Limit	Not applicable
Lower Explosion Limit	Not applicable
Vapor Pressure	< 0.001 Pa @ 20°C
Density	1.63 g/cm^3 @ 23°C
Solubility in / Miscibility with Water (20°C)	31.5% @ 60°C
Segregation coefficient (n-octanol/ water) at 25°C	Not available
Ignition Temperature	Not available
Decomposition Temperature	Not available
Self-igniting	Not available
Danger of Explosion	Not available
Dynamic Viscosity	Not applicable
Kinematic Viscosity	Not applicable

SECTION 10 - STABILITY AND REACTIVITY

10.1 REACTIVITY

Product is not reactive under normal conditions of storage and use.

10.2 CHEMICAL STABILITY

Product is stable under normal conditions of storage and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Can react with bases.

10.4 CONDITIONS TO AVOID

Heat, sparks, and open flames.

10.5 INCOMPATIBLE MATERIALS

Strong bases.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

The substance emits toxic fumes of oxides of carbon and ammonia compounds.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Sulfanilic Acid: Oral rat LD50 > 2000 mg/kg
Acute Dermal Toxicity	No data available.
Acute Inhalation Toxicity	No data available.
Skin Irritation/Corrosion	Product is not classified as an irritant.
Eye Irritation/Corrosion	Product is not classified as an irritant.
Skin Sensitization	Product is not classified as a sensitizer
Germ Cell Mutagenicity	Product is not classified as a mutagen.
Carcinogenicity	None of the components are classified as carcinogens by IARC, NTP, OSHA and EU CLP.
Reproductive toxicity oral	No information available
STOT: Single Exposure	No Information Available
STOT: Repeated Exposure	No Information Available

Aspiration Hazard No Information Available

SECTION 12 - ECOLOGICAL INFORMATION

12.1 TOXICITY

Toxicity to Fish
No data available.

Toxicity to Aquatic Invertebrates
No data available.

12.2 PERSISTANCE AND DEGREDABILITY
Not data available.

12.3 BIOACCUMULATIVE POTENTIAL
Not data available.

12.4 MOBILITY IN SOIL
No further relative information available

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

PBT	Not applicable
vPvB	Not applicable

12.6 OTHER ADVERSE EFFECTS No further relevant information available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Dispose of in accordance with local, regional, national, and international regulations.

SECTION 14 - TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	None	Not Regulated	None	None	Not applicable
ADR/RID	None	Not Regulated	None	None	Not applicable
IMDG	None	Not Regulated	None	None	Not applicable

IATA/ICAO	None	Not Regulated	None	None	Not applicable

14.6 Special Precautions for User: Not applicable.

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

SECTION 15 – REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to notification under CERCLA. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA inventory.

Clean Water Act (CWA): This material is not regulated under the Clean Water Act.

Clean Air Act (CAA): This material is not regulated under the Clean Air Act.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard:	No	**Pressure Hazard:**	No
Delayed Hazard:	No	**Reactivity Hazard:**	No
Fire Hazard:	No		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372): None

State Regulations

California: This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity: None

International Regulations

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances list (DSL).

European Inventory of Existing Chemicals (EINECS): All of the components in this product are listed on the EINECS inventory.

15.2 Chemical Safety Assessment: None

SECTION 16 - OTHER INFORMATION

Date of Current Revision: 11 March 2016

Revision Summary: Updated classification. Removed EU classifications. Updated all sections

Date of Previous Revision: 02 December 2014

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Training

All the information mentioned in this SDS are compliant with the COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

Abbreviations and Acronyms

GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
LD50:	Lethal dose, 50 percent

Annexes

Annex 1:	Exposure Scenario 1 – Manufacturing
Annex 2:	Exposure Scenario 2 – Manufacturing of fine chemicals
Annex 3:	Exposure Scenario 3 – Formulation

GHS Classification for Reference (See Sections 2 and 3):

None

Annex 1: Exposure Scenario 1 – Manufacturing

PROCESS	DURATION	RESPIRATORY PROTECTION	FURTHER RISK MANAGEMENT MEASURES
PROC 1: Use in a closed process, no likelihood of exposure	> 4 hours (default)	No	No
PROC 2: Use in a closed, continuous process with occasional controlled exposure	> 4 hours (default)	No	No
PROC 3: Use in a closed batch process (synthesis or formulation)	> 4 hours (default)	No	No
PROC 4: Use in a batch and other process (synthesis) where opportunity for exposure arises	> 4 hours (default)	90%	Gloves: 80% effective
PROC 8A: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities	1 – 4 hours	90%	Gloves: 80% effective
PROC 8B: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities	> 4 hours (default)	90%	Gloves: 80% effective

Setting – Industrial; Form – Solid; Dustiness – High; Ventilation – Indoor w/o LEV;

Annex 2: Exposure Scenario 2 – Manufacturing of Fine Chemicals

PROCESS	DURATION	RESPIRATORY PROTECTION	FURTHER RISK MANAGEMENT MEASURES
PROC 3: Use in a closed batch process (synthesis or formulation)	> 4 hours (default)	No	No
PROC 4: Use in a batch and other process (synthesis) where opportunity for exposure arises	> 4 hours (default)	No	No
PROC 15: Use of laboratory reagents in small scale laboratories	> 4 hours (default)	No	No

Setting – Industrial; Form – Solid; Dustiness – High; Ventilation – Indoor w/o LEV;

Annex 3: Exposure Scenario 3 – Formulation

PROCESS	DURATION	RESPIRATORY PROTECTION	FURTHER RISK MANAGEMENT MEASURES
PROC 4: Use in a batch and other process (synthesis) where opportunity for exposure arises	> 4 hours (default)	90%	Gloves: 80% effective