SAFETY DATA SHEET

Issue Date April 14, 2022 **Revision Date** **Version** 0

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

1.1. Product identifier

Product name **DOCTOR INK POWER WASH RTU**

Product number TAT-1081

UN/ID No NA

Product Code **TAT-1081**

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended Use: **Laundry detergent to be diluted in wash machines**
1.3. Details of the supplier of the safety data sheet Supplier Address:

Smyth Consultants
105 Indian Wells Circle
Lexington NC 27295

1.4. Emergency telephone number
Emergency Telephone
1-888-331-8332 (North America)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
GHS-Classification
Acute Toxicity-Oral Category 3
Skin Corrosion/Irritation Category 4
Serious Eye Damage/Irritation Category 2

2.2. Hazard Pictograms

Signal Word: WARNING!

Hazard Statements
H302 – Harmful if swallowed.
H315 – Causes skin irritation.
H318 – Causes serious eye damage

Precautionary Statements
270 – Do not eat, drink or smoke when using this product.

P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 – Rinse mouth.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
P362 – Take off contaminated clothing and wash before reuse.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 – Immediately call a POISON CENTER or doctor/physician.
P501 – Dispose of contents/container in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Prevention: Wear protective eyewear (goggles, face shield or safety glasses)

Response: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures	CAS #	
Demineralized Water	**7732-18-5**	**>88.0%**
Quaternary Cocoalkyl amine ethoxylate	**6179-10-4**	**8-16%**
C9-C11 alcohol ethoxylate	**68439-46-3**	**8-16%**
Silicic acid sodium salt	**1344-09-8**	**1-3%**
Calcium Carbonate	**497-19-8**	**1-3%**
Sodium Hydroxide	**1310-73-2**	**1-3%**

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Remove victim immediately from source of exposure. Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice

Ingestion
Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

Skin contact.
Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice

Eye contact
Immediately flush with plenty of water for up to 15 minutes. Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call poison control center or doctor for treatment advice

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Extinguishing media
Extinguish with foam, carbon dioxide, dry powder or water fog.
5.2. Special hazards arising from the substance or mixture
Specific hazards
None.
5.3. Advice for firefighters
Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: HANDLING AND STORAGE

6.1. Personal precautions, protective equipment and emergency procedures
Follow precautions for safe handling described in this safety data sheet.
6.2. Environmental precautions
This Disinfectant is slightly toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA
6.3. Methods and material for containment and cleaning up
Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.
6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid spilling,
Keep from Freezing above 0C /32F
7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a well-ventilated place. Keep from freezing and direct sunlight.
Storage Class
Miscellaneous hazardous material storage.
7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters Ingredient Comments
No exposure limits noted for ingredient(s)
8.2. Exposure controls
Protective equipment
Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory equipment
None.

Hand protection
Gloves

Eye protection
Eye glasses with safety shields

Other Protection
Wear appropriate long sleeve clothing.

Hygiene measures
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Yellow Liquid
Appearance	Clear
Odor	Slight
Odor Threshold	Not determined
pH	10.0
Melting point/freezing point	0°C/0°C
Boiling point/boiling range	100 °C
Flash point	100 °C
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Flammability Limits in Air	
Upper flammability limits	Not determined
Lower flammability limit	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Specific Gravity @ 25C	.0.95-1.05
Water solubility	Soluble in water
Solubility in other solvents	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined

Other Information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No specific reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions
Not available.

10.4. Conditions to avoid
Avoid excessive heat for prolonged periods of time. Avoid freezing since water based. (will thaw)

10.5. Incompatible materials
Not available

10.6. Hazardous decomposition product
None.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Oral LD50
To be determined

Acute Dermal LD50
To be determined

Skin contact
To be determined

Acute Eye Irritation
To be determined

Acute Inhalation Toxicity
To be determined

Skin Sensitization contact
To be determined

Germ Cell Mutagenicity
Data is not available at this time

Carcinogenicity
Data is not available at this time. Not expected to be carcinogenic.

Reproductive Toxicity
Data is not available at this time. Not expected to have reproductive toxicity.

STOT-single exposure
Unclassified

STOT-repeated exposure
Unclassified

Aspiration Hazard
Data is not available at this time

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

12.1. Toxicity

Acute Toxicity Daphnia magna OECD 202
Immobility
Data is not available at this time

Acute Toxicity Danio Rerio OECD 203
Data is not available at this time

Fresh water Algae Growth Desmodesmus subspicatus at 72 hours OECD 201
Data is not available at this time

12.2. Persistence and degradability

Degradability
Data is not available at this time

12.3. Bioaccumulative potential
Bioaccumulative potential
Data is not available at this time

12.4. Mobility in soil
Mobility: Data is not available at this time

12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or vPvB substances

12.6. Other adverse effects
Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Factory Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Do not puncture or incinerate even when empty This Disinfectant is slightly toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA..

13.1. Waste treatment methods
Dispose of waste and residues in accordance within the local authority requirements

SECTION 14: TRANSPORTATION INFORMATION

DOT

Proper shipping name	**NOT REGULATED**
UN/ID No	
Hazard Class	
Packing Group	N/A
Special Provisions	N/A

TDG

UN/ID No	
Proper shipping name	
Hazard Class	
Packing Group	N/A
Special Provisions	N/A

IATA

UN/ID No	
Proper shipping name	
Hazard Class	
Subsidiary hazard class	N/A
Packing Group	N/A
ERG Code	N/A

IMDG

UN/ID No	
Proper shipping name	

Hazard Class	
Subsidiary hazard class	N/A
Packing Group	N/A

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or Mixture

International Inventories

TSCA	Listed
DSL	Listed
NDSL	Not Listed
EINECS	Listed
ELINCS	Not Listed
ENCS	
IECSC	
KECL	
PICCS	
AICS	

Legend:
TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*
DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*
EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
ENCS *- Japan Existing and New Chemical Substances*
IECSC *- China Inventory of Existing Chemical Substances*
KECL *- Korean Existing and Evaluated Chemical Substances*
PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 37.

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Not Listed			

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Not listed	Not listed	Not listed	Not listed

U.S. EPA Label Information

SECTION 16: OTHER INFORMATION

USA National Fire Prevention and OSHA

NFPA	**Health hazards**	**Flammability**	**Instability**	**Special Hazards**
	2	0	0	
HMIS	**Health hazards**	**Flammability**	**Physical hazards**	**Personal protection**
	2	0	0	

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Revision Note	

Disclaimer

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End of Safety Data Sheet