

Safety Data Sheet

ISSUE DATE: September 2013

REVISION DATE: August 2022

VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME BESHET TSUNAMI 6

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS Beshet Supply
3600 West Jarvis Avenue
Skokie, IL 60076

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (847) 679-2600
COMPANY FAX NUMBER
24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)
NORTH AMERICA 1-800-633-8253
INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Ox. Sol. Category 2
Acute Tox. Category 5
Eye Irrit. Category 2

SIGNAL WORD Danger

HAZARD STATEMENTS



HAZARD STATEMENTS
1. May intensify fire; oxidizer.
2. May be harmful if swallowed.
3. Causes serious eye irritation.

APPEARANCE Liquid

PHYSICAL STATE Liquid

PRECAUTIONARY STATEMENTS

PREVENTION
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling

RESPONSE Immediately call poison center or doctor/ physician.

Safety Data Sheet

IF SWALLOWED	Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
IF ON SKIN/HAIR	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse.
IF INHALED	Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell.
IF EXPOSED/CONCERNED	Get medical advice/ attention.
STORAGE	Store locked-up. Keep away from children.
DISPOSAL	Dispose of contents/container to an approved waste disposal plant.
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)	N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Sodium percarbonate	15630-89-4	20-40
Sodium carbonate	497-19-8	30-60
Sulfuric acid disodium salt	7757-82-6	10-25

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
SKIN CONTACT	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
INHALATION	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.

Safety Data Sheet

INGESTION Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink large quantities of water. Immediate medical attention is required.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

SYMPTOMS Causes skin irritation. Causes eye irritation.

NOTES TO PHYSICIAN Treat symptomatically

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA None known

SPECIFIC HAZARDS ARISING FROM CHEMICAL

Hazardous decomposition: Liberates oxygen when warm and wet. Hazardous polymerization will not occur. Keep away from heat / sparks / open flames / hot surfaces - No smoking. Keep / Store away from clothing combustible materials.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS Use personal protective equipment as required.
ENVIRONMENTAL PRECAUTIONS See Section 12 for additional Ecological Information.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

CONTAMINATION Prevent further leakage or spillage is safe to do so
CLEAN-UP Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

Safety Data Sheet

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

INCOMPATIBLE MATERIALS None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium carbonate 497-19-8			
Sulfuric acid disodium salt 7757-82-6			
Sodium percarbonate 15630-89-4			

ENGINEERING CONTROLS: Apply technical measures to comply with the occupational exposure limits.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Refer to 29 CFR 1910.133 for eye and face protection regulations.
SKIN/BODY PROTECTION	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
RESPIRATORY PROTECTION	Refer to 29 CFR 1910.134 for respiratory protection requirements.
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid
APPEARANCE	White solid
COLOR	White
ODOR	Little or none
ODOR THRESHOLD	Not determined
pH	1% Solution = 10.2
MELTING POINT/FREEZING POINT	Decomposes when heated
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	Not flammable
EVAPORATION RATE	Is slower than ether
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS	Not flammable
LOWER FLAMMABILITY LIMITS	Not flammable
VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	1.457 (H ₂ O = 1)
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Moderate
PARTITION COEFFICIENT	Not determined
N-OCTANOL/ WATER	Not determined
VOLATILITY/VOL (%)	0.6

Safety Data Sheet

AUTO-IGNITION TEMPERATURE Not determined
DECOMPOSITION TEMPERATURE Not determined
VISCOSITY Not determined

10. STABILITY AND REACTIVITY

REACTIVITY Not reactive under normal conditions
CHEMICAL STABILITY Stable under recommended storage conditions
POSSIBILITY OF HAZARDOUS REACTIONS None under normal processing
CONDITIONS TO AVOID Keep out of reach of children. High temperatures.
INCOMPATIBLE MATERIALS Acids, aluminum, phosphorus pentoxide, fluorine, lithium and 2,4,6 – trinitrotoluene.
HAZARDOUS DECOMPOSITION PRODUCTS Liberates oxygen when warm and wet. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT Causes severe eye damage.
SKIN CONTACT Avoid contact with skin.
INHALATION Avoid breathing vapors or mists.
INGESTION May be harmful if swallowed.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Sodium percarbonate 45630-89-4	= 1034 mg/kg (Rat)	-	-
Sodium carbonate 497-19-8	= 4090 mg/kg (Rat)	-	-
Sulfuric acid disodium salt 7757-82-6	-	-	-

SYMPTOMS Please see section 4 of this SDS for symptoms.

CARCINOGENICITY The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Isopropyl Alcohol (IPA) is an IARC Monograph Group 3 chemical. IPA is a Group 1 when manufactured by the strong-acid process.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium percarbonate 45630-89-4		Group 4		
Sodium carbonate 497-19-8		Group 5		
Sulfuric acid disodium salt 7757-82-6		-		

NUMERICAL MEASURES OF TOXICITY-PRODUCT Not determined.

Safety Data Sheet

12. ECOLOGICAL INFORMATION

ECOTOXICITY Harmful to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	TOXIC TO MICROORGANISMS	CRUSTACEA
Sodium percarbonate 45630-89-4	-	-	-	-
Sodium carbonate 497-19-8	242.00 (72 hr), Freshwater Algae	300.00, Lepomis macrochirus	-	265.00, Daphnia magna
Sulfuric acid disodium salt 7757-82-6	-	-	-	-

PERSISTENCE AND DEGRADABILITY Not determined
BIOACCUMULATION Not determined
OTHER ADVERSE EFFECTS Not determined

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING Disposal should be in accordance with applicable regional, national and local laws and regulations.

CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

Sodium carbonate Toxic
497-19-8 Corrosive
Isopropanol Toxic
67-63-0 Ignitable

14. TRANSPORT INFORMATION

DOT

UN/ ID No UN1479
Proper Shipping Name Oxidizing solid, n.o.s., (Sodium Carbonate Peroxyhydrate)
Hazard Class 5.1
Packing Group III

IATA

UN/ ID No UN1479
Proper Shipping Name Oxidizing solid, n.o.s., (Sodium Carbonate Peroxyhydrate)
Hazard Class 5.1
Packing Group III

IMDG

UN/ ID No UN1479
Proper Shipping Name Oxidizing solid, n.o.s., (Sodium Carbonate Peroxyhydrate)
Hazard Class 5.1
Packing Group III

Safety Data Sheet

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

LEGEND

TSCA	United States Toxic Substances Control Act Section 8(B) Inventory
DSL/NDL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing/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

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

SARA 313/312 HAZARD CATEGORIES

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 372.

CLEAN WATER ACT (CWA)

This product does not contain substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

U.S. STATE REGULATIONS

U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Pentasodium triphosphate			X
Sulfuric acid disodium salt			X

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined

Safety Data Sheet

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge 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.

END OF SAFETY DATA SHEET