

1. Identification	
Product Name(Identifier)	All-Ways Super Concentrate
Manufacturer	Total Systems Technology Inc.
Address	65 Terence Drive, Pittsburgh, PA 15236
Phone Number	412-653-7690
Emergency Phone Number	800-245-4828
Recommended Use	An efficient heavy-duty cleaner/deodorizer
Restrictions on Use	Not for use on skin

2. Hazard Identification	
Hazard Statements	H302: Harmful if swallowed H313: May be harmful in contact with skin H320: Causes eye irritation
Precautionary Statements	P233: Keep container tightly closed P262: Do not get in eyes, on skin, or on clothing P270: Do not eat, drink or smoke when using this product
Signal Word	Warning

Pictograms

Irritant



3. Composition/ Information on Ingredients	
Substances	%
Water	25-50%
Sodium Metasilicate	1-5%
Sodium Hydroxide	1-5%
Hostapur SAS 60 (sodium petroleum sulfonate)	1-5%
Active 14 (anionic surfactants)	50-75%
Butyl Cellosolve	<1%
Trade Secret Claims	The exact concentration of these ingredients are being withheld in accordance with the OSHA 1910.1200 (i).

4. First Aid Measures	
Symptoms	Eye Irritant and irritant upon ingestion.
Required Treatment	<p><b>Inhalation:</b> Remove victim from further exposure</p> <p><b>Skin:</b> Wash skin with soap and water. Remove contaminated clothing and launder before reuse.</p> <p><b>Eyes:</b> Flush eyes with water for 15 minutes. Lift under each eyelids.</p> <p><b>Oral:</b> Do not induce vomiting. Keep head below hips if vomiting occurs spontaneously.</p>

5. Fire-fighting Measures	
Extinguishing Techniques	Water spray, water fog, CO2, dry chemical
Proper Equipment	Fire retardant clothing and a Self-Contained Breathing Apparatus
Chemical Hazards from Fire	Possibility of CO and CO2
Not acceptable Techniques	N/A

6. Accidental Release Measures	
Emergency Procedures	Avoid contact with material. Do not ingest.
Emergency Equipment	Refer to Section 8
Proper method of cleanup	Absorb with inert ingredient such as sand earth, or vermiculate. Dispose of in accordance with federal and state regulations.

7. Handling and Storage	
Precautions for Safe Handling	Wear appropriate personal protection in Section 8.
Precautions for Safe Storage	Keep at room temperature. Store upright. Keep in sealed containers.
Incompatibilities	Strong Oxidizing Agents

8. Exposure Controls/ Personal Protective Equipment	
OSHA PEL	Not determined
NIOSH REL	Not determined

<b>ACGIH TLV</b>	Not determined
<b>Appropriate Engineering Controls</b>	Use adequate ventilation. Keep eye wash stations and sink nearby.
<b>Personal Protective Equipment</b>	<b>Hands:</b> Chemical resistant gloves. <b>Eye:</b> Splash resistant goggles. <b>Skin:</b> Long Sleeves and long pants.

9. Physical/Chemical Properties	
<b>Appearance</b>	Blue liquid
<b>Odor</b>	Sweet
<b>Odor Threshold</b>	Not determined
<b>pH</b>	12
<b>Melting Point/Freezing Point</b>	N/A
<b>Initial Boiling/ Freezing Point</b>	>221 F
<b>Flammability (solid/gas)</b>	N/A
<b>Upper Flammability/Explosive Limits</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Relative Density</b>	Not determined
<b>Water Solubility</b>	Soluble
<b>Specific Gravity</b>	Not determined
<b>Flash Point</b>	>550 F
<b>Viscosity</b>	Not determined
<b>Explosive Properties</b>	None
<b>Oxidizing Properties</b>	None

10. Stability/ Reactivity	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	CO and CO2 from fire

11. Toxicological Information	
<b>Acute Toxicity</b>	Not determined
<b>Inhalation</b>	Not determined
<b>Oral</b>	Not determined
<b>Dermal</b>	Not determined
<b>Skin Corrosion/Irritation</b>	Components have minor corrosive properites
<b>Serious Eye Irritation</b>	Category 1 (pH 12)
<b>Respiratory or skin sensitization/ mutagenicity</b>	Not determined
<b>Carcinogenicity</b>	Not determined
<b>Reproductive Toxicity</b>	Not determined

Specific Target Organ-Single Exposure	Not determined
Specific Target Organ- Repeated Exposure	Not determined
Aspiration Hazard	Not determined

12. Ecological Information	
Toxicity	Possibly toxic to environment
Persistence and Degradability	Bio degradable
Mobility in soil	Not determined

13. Disposal Considerations	
Waste Treatment Methods	Dispose of as a hazardous material in accordance with federal, state, and local regulations.
Contaminated Packaging	Not determined

14. Transport Information	
DOT (US)	Components are regulated by DOT.
UN number	Sodium Metasilicate= UN3253 Sodium Hydroxide= UN1823
UN proper shipping name	Sodium Metasilicate= Disodium trioxosilicate Sodium Hydroxide=Sodium hydroxide, solid
Transport hazard class(es)	Sodium Metasilicate= 8 Sodium Hydroxide=8
Packing group, if applicable	Sodium Metasilicate= III Sodium Hydroxide= II
Environmental hazards (e.g., Marine pollutant (Yes/No	Possible
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport	N/A

15. Regulatory Information	
All components are listed on TSCA	

16. Other Information	
Preparation Date	10/15/2014
Revision Date	
Abbreviation	OSHA- Occupational Safety and Health Administration NIOSH- National Institute for Occupational Safety and Health

	<p>ACGIH- American Conference of Governmental Industrial Hygienists                  PEL- Permissible Exposure Limit                  REL- Recommended Exposure Limit                  TLV- Threshold Limit Value                  STEL- Short Term Exposure Limit                  TWA- Time Weighted Average (8 hr/day).                  Ppm-parts per million                  Mg/m<sup>3</sup>- milligrams per meters cubed</p>
<p><b>Notice</b></p>	<p>Judgments as to the suitability of information herein for purchaser’s purposes are the purchaser’s responsibility. TST has taken reasonable care in preparing above information to be as accurate as possible. TST makes no warranties, representations, and assumes no responsibility to the suitability of such information and for the application of said product and the consequences that occur.</p>