

SAFETY DATA SHEET

Issuing Date: 01-Jul-2022

Version 4

Anti-Static Gel Reducer (1 Quart)

1. PRODUCT AND COMPANY IDENTIFICATION

Part Number 120503
Product Name 9189 SP XG 583 Gel
Product code Reducer XGS-9189
Product Use Viscosity modifier.

Distributed in the USA by

ITW Trans Tech
475 N Gary Ave.
Carol Stream, IL 60188

WWW.itwtranstech.com

630-752-4000

Emergency Telephone : 1 352-323-3500 InfoTrac (24 Hours)

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity - Inhalation (Vapors)	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1

Flammable liquids

Category 3

GHS Label elements, including precautionary statements

Danger

Hazard Statements

Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause cancer
May cause drowsiness or dizziness
May be fatal if swallowed and enters airways
Flammable liquid and vapor

**Precautionary Statements****Prevention**

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/Bond container and receiving equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof electrical (ventilation and lighting) equipment
Keep cool

Response

If exposed or concerned: Get medical advice/attention
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 skin irritation occurs: Get medical advice/attention
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
Wash contaminated clothing before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing
IF SWALLOWED: Immediately call a POISON CENTER or doctor
Do NOT induce vomiting
In case of fire: Use CO₂, dry chemical, or foam to extinguish

Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not classified

Other hazards

May be harmful in contact with skin

Unknown Acute Toxicity

16.9715% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Solvent naphtha, light aromatic	64742-95-6	30-60%
1,2,4-Trimethylbenzene	95-63-6	15-40%
Methoxypropanol	107-98-2	3-7%
Xylene	1330-20-7	0.5-1.5%
Cumene	98-82-8	0.5-1.5%
Crystalline silica, quartz	14808-60-7	0.5-1.5%

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures**General advice**

Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Take off contaminated clothing and shoes immediately. If symptoms persist, call a physician. Show this Safety Data Sheet to the doctor in attendance.

Eye contact

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.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Protection of First-aiders

Use personal protective equipment.

Most important symptoms and effects, both acute and delayed

May cause redness, itching, and pain.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Flammable. Will be easily ignited by heat, sparks or flames.

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact none

Sensitivity to Static Discharge Yes

Protective Equipment and Precautions for Firefighters

Move containers from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or clothing.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for Containment A vapor suppressing foam may be used to reduce vapors.

Methods for cleaning up Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers. Use personal protective equipment. Take precautionary measures against static discharges. Pay attention to flashback. Use only non-sparking tools. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

Other information Water spray may reduce vapor; but may not prevent ignition in closed spaces.

7. HANDLING AND STORAGE**Precautions for safe handling**

Wear personal protective equipment. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

Keep away from heat and sources of ignition. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - Workplace Environmental Exposure Levels (WEELs) - TWAs
1,2,4-Trimethylbenzene			TWA: 25 ppm TWA: 125 mg/m ³	
Methoxypropanol	STEL: 100 ppm TWA: 50 ppm	(vacated) TWA: 100 ppm (vacated) TWA: 360 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 540 mg/m ³	TWA: 100 ppm TWA: 360 mg/m ³ STEL: 150 ppm STEL: 540 mg/m ³	
Xylene	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³		
Cumene	TWA: 5 ppm	TWA: 50 ppm TWA: 245 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m ³ (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m ³	
Crystalline silica, quartz	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ TWA: 50 µg/m ³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust	

Appropriate engineering controls

Engineering Measures Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Face-shield.

Skin and body protection Wear protective gloves/clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	cream	Physical state	Liquid
Form	Liquid		
Odor	Aromatic	Odor Threshold	Not available

pH	No data available	Molecular Weight	Not available
Specific Gravity	0.93	Autoignition temperature	Not available
Flash point	113 °F / 45 °C	Boiling point / boiling range	248 °F / 120 °C
Decomposition temperature	Not available	Freezing Point	Not available
Melting point / melting range	Not available		
Flammability Limit in Air			
Upper flammability limit:	7.5		
Lower flammability limit:	0.7		
Oxidizing Properties	Not available	Explosive Properties	Not available
Solubility	Insoluble in water	Partition coefficient	Not available
Evaporation rate	Not available	Vapor Pressure	4.0 mmHg @ 20 °C
Vapor density	No data available	Density	Not available
Weight per Gallon (lbs)	7.75	Actual VOC (lb/gal)	6.78
VOC (lb/gal)	6.78	VOC (g/l)	814
Dynamic viscosity	Not available		

VOC Content California No information available

VOC Content of Material 814 grams per liter

VOC Content of Coating less Water and Exempt Solvents 814 grams per liter

10. STABILITY AND REACTIVITY

Reactivity

Hazardous polymerization does not occur.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.

Incompatible materials

Strong oxidizing agents, strong acids, and strong bases.

Hazardous decomposition products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information****Acute toxicity****Inhalation**

Harmful by inhalation. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. May cause irritation of respiratory tract.

Eyes

Moderately irritating to the eyes.

Skin	Irritating to skin.
Ingestion	Harmful: may cause lung damage if swallowed. Potential for aspiration if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Solvent naphtha, light aromatic	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
1,2,4-Trimethylbenzene	= 3280 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m ³ (Rat) 4 h
Methoxypropanol	= 5000 mg/kg (Rat)	= 13 g/kg (Rabbit)	> 7559 ppm (Rat) 6 h
Xylene	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	47635 mg/L (Rat) 4 h 5000 ppm (Rat) 4 h
Cumene	= 1400 mg/kg (Rat)	= 12300 µL/kg (Rabbit)	> 3577 ppm (Rat) 6 h
Crystalline silica, quartz	500 mg/kg (Rat)		

Symptoms related to the physical, chemical and toxicological characteristics

No information available.

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

Irritation	Irritating to eyes, respiratory system and skin.
Corrosivity	No information available.
Sensitization	No information available.
Mutagenic Effects	No information available.
Reproductive Toxicity	No information available.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Xylene		Group 3		
Cumene	A3	Group 2B	Reasonably Anticipated	X
Crystalline silica, quartz	A2	Group 1	Known	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

- A1 - Known Human Carcinogen
- A2 - Suspected Human Carcinogen
- A3 - Animal Carcinogen
- A4 - Not Classifiable as a Human Carcinogen

NTP: (National Toxicity Program)

- Known - Known Carcinogen
- Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

IARC: (International Agency for Research on Cancer)

- Group 1: Carcinogenic to humans
- Group 2A: Probably carcinogenic to humans
- Group 2B: Possibly carcinogenic to humans
- Group 3: Not classifiable as to its carcinogenicity to humans

OSHA: (Occupational Safety & Health Administration)

- X - Present

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic toxicity May cause adverse liver effects.

Target organ effects Blood, Central nervous system, Eyes, Liver, Respiratory system, Skin.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	5109 mg/kg
ATEmix (dermal)	2416 mg/kg
ATEmix (inhalation-gas)	1137 ppm
ATEmix (inhalation-dust/mist)	2.9 mg/l
ATEmix (inhalation-vapor)	11.3 mg/l

ATE: Acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Solvent naphtha, light aromatic		LC50: =9.22mg/L (96h, Oncorhynchus mykiss)		EC50: =6.14mg/L (48h, Daphnia magna)
1,2,4-Trimethylbenzene		LC50: 7.19 - 8.28mg/L (96h, Pimephales promelas)		EC50: =6.14mg/L (48h, Daphnia magna)
Methoxypropanol		LC50: =20.8g/L (96h, Pimephales promelas)		EC50: =23300mg/L (48h, Daphnia magna)
Xylene		LC50: 13.1 - 16.5mg/L (96h, Lepomis macrochirus) LC50: 13.5 - 17.3mg/L (96h, Oncorhynchus mykiss) LC50: 2.661 - 4.093mg/L (96h, Oncorhynchus mykiss) LC50: 23.53 - 29.97mg/L (96h, Pimephales promelas) LC50: 30.26 - 40.75mg/L (96h, Poecilia reticulata) LC50: 7.711 - 9.591mg/L (96h, Lepomis macrochirus) LC50: =13.4mg/L (96h, Pimephales promelas) LC50: =19mg/L (96h, Lepomis macrochirus) LC50: =780mg/L (96h, Cyprinus carpio) LC50: >780mg/L (96h, Cyprinus carpio)		LC50: =0.6mg/L (48h, Gammarus lacustris) EC50: =3.82mg/L (48h, water flea)
Cumene	EC50: =2.6mg/L (72h, Pseudokirchneriella subcapitata)	LC50: 6.04 - 6.61mg/L (96h, Pimephales promelas) LC50: =2.7mg/L (96h, Oncorhynchus mykiss) LC50: =4.8mg/L (96h, Oncorhynchus mykiss) LC50: =5.1mg/L (96h, Poecilia reticulata)		EC50: 7.9 - 14.1mg/L (48h, Daphnia magna) EC50: =0.6mg/L (48h, Daphnia magna)

Persistence and degradability

No information available.

Bioaccumulation

Chemical name	Partition coefficient
1,2,4-Trimethylbenzene	3.63
Methoxypropanol	-0.437
Xylene	2.77 - 3.15
Cumene	3.7

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with all applicable national environmental laws and regulations. Dispose of in accordance with federal, state, and local regulations. Do not dispose of waste into sewers, drains or use other methods that will come into contact with surface waters.

Contaminated packaging

Do not re-use empty containers.

US EPA Waste Number

D001

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name	Printing ink related material
UN/ID No	UN1210
Transport hazard class(es)	3
Packing Group	III
Reportable Quantity (RQ)	Xylenes isomers and mixture: RQ kg= 3026.67, Cumene: RQ kg= 11.35
Description	UN1210, Printing ink related material, 3, PGIII
Emergency Response Guide Number	129
Packaging Exceptions	49 CFR Part 173.150(f) - (1) A flammable liquid with a flash point at or above 38 °C (100 °F) that does not meet the definition of any other hazard class may be reclassified as a combustible liquid. This provision does not apply to transportation by vessel or aircraft, except where other means of transportation is impracticable. (2) The requirements in this subchapter do not apply to a material classed as a combustible liquid in a non-bulk packaging unless the combustible liquid is a hazardous substance, a hazardous waste, or a marine pollutant.
Non-bulk Packaging	173
Bulk Packaging	242

TDG

Proper Shipping Name	Printing ink related material
UN/ID No	UN1210
Transport hazard class(es)	3
Packing Group	III
Description	UN1210, Printing ink related material, 3, PGIII

MEX

Proper Shipping Name	Printing ink related material
UN/ID No	UN1210
Transport hazard class(es)	3
Packing Group	III
Description	UN1210, Printing ink related material, 3, III

ICAO (air)

Proper Shipping Name	Printing ink related material
UN/ID No	UN1210
Transport hazard class(es)	3
Packing Group	III
Description	UN1210, Printing ink related material, 3, PGIII

IATA

Proper Shipping Name	Printing ink related material
UN number or ID number	UN1210
Transport hazard class(es)	3
Packing group	III
Description	UN1210, Printing ink related material, 3, PGIII

IMDG

UN proper shipping name	Printing ink related material
UN number or ID number	UN1210
Transport hazard class(es)	3
Packing group	III
EmS-No.	F-E, S-D
Description	UN1210, Printing ink related material, 3, PGIII

ADR

Proper Shipping Name Printing ink related material
UN/ID No UN1210
Transport hazard class(es) 3
Packing Group III
Classification Code F1
Description UN1210, Printing ink related material, 3, PGIII
ADR/RID-Labels 3

ADN

Proper Shipping Name Printing ink related material
UN/ID No UN1210
Transport hazard class(es) 3
Packing Group III
Classification Code F1
Description UN1210, Printing ink related material, 3, PGIII
Limited quantity LQ7
Ventilation VE01

15. REGULATORY INFORMATION**International Inventories**

TSCA Yes
DSL/NDSL Yes
PICCS Yes
EINECS/ELINCS No
ENCS No
IECSC Yes
KECL Yes
AIICS No

***Yes - All component(s) of this product are included or are exempt from listing on the inventory.**

***No - Indicates the component(s) of this product are either not listed or have not been determined to be listed on the inventory.**

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
AIICS - Australian Inventory of Industrial Chemicals

U.S. Federal Regulations**TSCA Sections 4, 5 and 12(b)**

This product does not contain any chemicals regulated by TSCA Sections 4, 5 or 12(b).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains 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.:

Chemical name	CAS No	SARA 313 - Threshold Values %	Weight-%
1,2,4-Trimethylbenzene	95-63-6	1.0	15-40%
Cumene	98-82-8	0.1	0.5-1.5%
Xylene	1330-20-7	1.0	0.5-1.5%

SARA 311/312 Hazard Categories

Classification is shown in section 2 of this SDS.

Clean Water Act.

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylene	100 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Xylene	100		RQ 100 lb final RQ RQ 45.4 kg final RQ
Cumene	5000		RQ 5000 lb final RQ RQ 2270 kg final RQ

U.S. State Regulations**California Proposition 65**

WARNING: Cancer - www.P65Warnings.ca.gov

Chemical name	CAS No	California Prop. 65	Weight-%
Cumene	98-82-8	Carcinogen	0.5-1.5%
Crystalline silica, quartz	14808-60-7	Carcinogen	0.5-1.5%

U.S. State Right-to-Know Regulations

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
1,2,4-Trimethylbenzene	X	X	X	X	
Methoxypropanol	X	X	X	X	X
Xylene	X	X	X	X	X
Cumene	X	X	X	X	X
Crystalline silica, quartz	X	X	X	X	X

International Regulations**Canada - NDSL**

This product does not contain any NDSL chemicals.

Mexico - Grade

Moderate risk, Grade 2

Mexico - Carcinogen Status and Exposure Limits

Chemical name	Mexico	Exposure Limits
Methoxypropanol		Mexico: TWA 100 ppm Mexico: STEL 150 ppm
Xylene		Mexico: TWA 100 ppm Mexico: STEL 150 ppm
Cumene		Mexico: TWA 50 ppm
Crystalline silica, quartz	A2	Mexico: TWA 0.025 mg/m ³

Other Regulations

No information available.

CPSIA	Formulated to comply
CONEG	Formulated to comply
ASTM F-963	Formulated to comply
CHPA	Formulated to comply
RoHS	Formulated to comply
REACH/SVHC	Formulated to comply
EN-71	Formulated to comply

16. OTHER INFORMATION

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

**Indicates a chronic health hazard.*

Prepared By ITW Trans Tech, Phone 630-752-4000

Revision Date 01-Jul-2022

Revision Note No information available

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.**

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Trusted Partner for Your Product Decorating Needs

Trans Tech 475 North Gary Avenue, Carol Stream, IL 60188
 Tel +1 (630) 752 4000 Fax +1 (630) 752 4467
 Email sales@itwtranstech.com

www.itwtranstech.com www.itwids.com

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