Safety Data Sheet

Material Name: Desensitizing Detection Agent **SDS ID: 3100-017**

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
Desensitizing Detection Agent
Synonyms
CF Detecting Agent
Product Use
Aerosol spray to detect damaged micro-capsules on carbonless copy paper.
Restrictions on Use
None known.

Details of the supplier of the safety data sheet
Pixelle Specialty Solutions LLC
232 East 8th Street
Chillicothe, Ohio 45601

Phone: 740-772-3111
Emergency Phone #: 800-424-9300 CHEMTREC®

General Comments
NOTE: Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.
Flammable Aerosols - Category 1
Aspiration Hazard - Category 1
Acute Toxicity - Inhalation - Vapor - Category 4
Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Eye Irritation - Category 2A
Reproductive Toxicity - Category 1A
Specific Target Organ Toxicity - Single Exposure - Category 1 (Central Nervous System)
Specific Target Organ Toxicity - Single Exposure - Category 3 (central nervous system, , respiratory tract)
Specific Target Organ Toxicity - Repeated Exposure - Category 1 (Central Nervous System , kidneys)
Hazardous to the Aquatic Environment - Acute - Category 2
Hazardous to the Aquatic Environment - Chronic - Category 2

GHS Label Elements
Symbol(s)

Signal Word
Danger
Hazard Statement(s)
Extremely flammable aerosol.
May be fatal if swallowed and enters airways.
Harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May damage fertility or the unborn child.
Causes damage to organs.
May cause respiratory irritation. May cause drowsiness or dizziness.
Causes damage to organs through prolonged or repeated exposure.
Toxic to aquatic life with long lasting effects.
Precautionary Statement(s)
Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flame/hot surfaces - No smoking.
Pressurized container: Do not pierce or burn, even after use.
Do not spray on an open flame or other ignition sources.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Response
If exposed: Call a POISON CENTER or doctor/physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Do NOT induce vomiting.
Specific treatment (see label).
Collect spillage.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Statement(s) of Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
108-88-3	Toluene	65-75
106-97-8	Butane	10-20
74-98-6	Propane	10-20
1552-42-7	Crystal violet lactone	1-5

The chemical identity and/or percentage of composition is being withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eyes

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.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER/doctor. DO NOT induce vomiting.

Most Important Symptoms/Effects

Acute

May be fatal if swallowed and enters airways. Harmful if inhaled. Causes skin irritation, eye irritation, and central nervous system damage. May cause respiratory tract irritation and central nervous system depression.

Delayed
Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure.
Antidote
Treat symptomatically and supportively.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media
Suitable Extinguishing Media
Use alcohol foam, carbon dioxide or dry chemical.
Unsuitable Extinguishing Media
Water may be an ineffective extinguishing medium but should be used to cool fire-exposed containers.
Special Hazards Arising from the Chemical
Extremely flammable aerosol. Do not spray on naked flames or any incandescent material. Keep away from heat/sparks/open flame/hot surfaces - No smoking. Contents of can are extremely flammable and under pressure. Avoid contact with temperatures above 120 C. Contents under pressure. Avoid direct sunlight. Pressurized container: may burst if heated. Vapors are heavier than air and can collect in low areas; vapors can travel to an ignition source and flash back.
Hazardous Combustion Products
Hazardous decomposition products include black smoke and toxic fumes of carbon dioxide and carbon monoxide.
Advice for firefighters
Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.
Fire Fighting Measures
Keep unnecessary people away, isolate hazard area and deny entry. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Avoid inhalation of material or combustion by-products.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Wear personal protective clothing and equipment, see Section 8.
Methods and Materials for Containment and Cleaning Up
Keep unnecessary personnel away. Stop leak if possible without personal risk. Remove all sources of ignition. Do not touch or walk through spilled material. Use water spray to reduce vapors or divert vapor cloud drift. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. Dike for later disposal.
Environmental Precautions
Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling
Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Do not spray on an open flame or other ignition source. Obtain special instructions before use. Do not handle until all safety precautions have been read and

understood. Do not breathe vapor or mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Avoid contact during pregnancy/while nursing. Do not eat, drink, or smoke when using this product. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Avoid release to the environment.

Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store away from heat and direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition.

Incompatible Materials

Avoid strong oxidizing materials, halogens, combustible materials, acids, metal salts.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Toluene	**108-88-3**
ACGIH:	20 ppm TWA
NIOSH:	100 ppm TWA ; 375 mg/m3 TWA
	150 ppm STEL ; 560 mg/m3 STEL
	500 ppm IDLH
Europe:	50 ppm TWA ; 192 mg/m3 TWA
	Possibility of significant uptake through the skin
	100 ppm STEL ; 384 mg/m3 STEL
OSHA (US):	200 ppm TWA
	300 ppm Ceiling
Mexico:	50 ppm TWA VLE-PPT ; 188 mg/m3 TWA VLE-PPT
	Skin - potential for cutaneous absorption
Butane	**106-97-8**
ACGIH:	1000 ppm STEL
NIOSH:	800 ppm TWA ; 1900 mg/m3 TWA

Mexico:	800 ppm TWA VLE-PPT ; 1900 mg/m3 TWA VLE-PPT
Propane	**74-98-6**
ACGIH:	(See Appendix F: Minimal Oxygen Content)
NIOSH:	1000 ppm TWA ; 1800 mg/m3 TWA
	2100 ppm IDLH (10% LEL)
OSHA (US):	1000 ppm TWA ; 1800 mg/m3 TWA

EU - Occupational Exposure (98/24/EC) - Binding Biological Limit Values and Health Surveillance Measures
There are no biological limit values for any of this product's components.
ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)
Toluene (108-88-3)
0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene ; 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene ; 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
Individual Protection Measures, such as Personal Protective Equipment
Eye/face protection
Wear safety glasses with side shields or goggles.
Skin Protection
Wear protective clothing to minimize skin contact.
Respiratory Protection
If airborne contaminant levels may exceed recommended exposure limits, NIOSH approved respiratory protection appropriate for employee exposure levels is recommended.
Glove Recommendations
Where skin contact is likely, wear chemical-resistant protective gloves; use of polyvinyl alcohol (PVA) or equivalent gloves is not recommended. Customer is responsible for determining suitability of gloves for the work environment and other solvents or chemicals to which the employee may normally be exposed. Replace gloves at first signs of deterioration (hardening, cracking, softening or swelling).

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colorless liquid	**Physical State**	liquid
Odor	solvent odor	**Color**	colorless
Odor Threshold	Not available	**pH**	Not available
Melting Point	Not available	**Boiling Point**	<-17 °C (<0 °F)
Boiling Point Range	Not available	**Freezing point**	Not available

Evaporation Rate	Not available	**Flammability (solid, gas)**	Not available
Autoignition Temperature	Not available	**Flash Point**	<-17 °C Tag Closed Cup (<0 °F)
Lower Explosive Limit	1 (Propellant)	**Decomposition temperature**	Not available
Upper Explosive Limit	9.5 (Propellant)	**Vapor Pressure**	760 mmHg
Vapor Density (air=1)	>1	**Specific Gravity (water=1)**	0.74
Water Solubility	Not available	**Partition coefficient: n-octanol/water**	Not available
Viscosity	Not available	**Solubility (Other)**	Not available
Density	Not available	**Physical Form**	aerosol
VOC	99 wt%	**Volatility by Volume**	100 %
Molecular Weight	Not available	**OSHA Flammability Class**	Flammable

Section 10 - STABILITY AND REACTIVITY

Reactivity
No reactivity hazard is expected.
Chemical Stability
Stable at normal temperatures and pressure.
Possibility of Hazardous Reactions
Hazardous polymerization has not been reported to occur under normal temperatures and pressures.
Conditions to Avoid
Avoid exposure to very high temperatures, heat, shock, pressure, or contact with incompatible materials. Sealed containers may rupture or explode if exposed to heat.
Incompatible Materials
Avoid strong oxidizing materials, halogens, combustible materials, acids, metal salts.
Hazardous decomposition products
Hazardous decomposition products include black smoke and toxic fumes of carbon dioxide and carbon monoxide.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure
Inhalation
Harmful if inhaled, irritation, nausea, headache, drowsiness, dizziness, Disorientation, sleep disturbances, loss of coordination, dilated pupils, kidney damage, liver damage, nosebleed, vomiting, stomach pain, loss of appetite, chest

pain, irregular heartbeat, difficulty speaking, hallucinations, mood swings, pain in extremities, tremors, visual disturbances, menstrual disorders, internal bleeding, blood disorders, nerve damage, brain damage, coma.

Skin Contact

Causes skin irritation.

Eye Contact

Irritation, blurred vision

Ingestion

May be fatal if swallowed and enters airways, irritation, nausea, stomach pain, headache, drowsiness, dizziness, Disorientation, sleep disturbances, loss of coordination, dilated pupils, kidney damage, liver damage, Reproductive Effects.

Acute and Chronic Toxicity

This product may cause irritation to the eyes, skin and respiratory tract. Toluene may be slowly absorbed through the skin. Exposure of toluene at 100-200 ppm levels may cause a change in motor activity, psychophysiological tests, hallucinations, blood changes, antipsychotic behavior and central nervous system effects. Prolonged or repeated exposure to toluene liquid may cause skin dryness or dermatitis. Overexposure to toluene may also cause loss of vision and hearing, respiratory problems, enlarged liver, cardiac sensitization, and seizures. Accumulation of vapors of butane and propane may cause asphyxiation without warning, producing dizziness and sleepiness. In an eye irritation study with rabbits, phenolic resin was not found to be a primary eye irritant. In a skin irritation study with rabbits, phenolic resin was not found to be a primary skin irritant (primary irritation index of 0.04). Phenolic resin did not cause dermal sensitization in guinea pigs in a closed patch test.

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Toluene (108-88-3)

Oral LD50 Rat 2600 mg/kg
Dermal LD50 Rabbit 12000 mg/kg
Inhalation LC50 Rat 12.5 mg/L 4 h

Butane (106-97-8)

Inhalation LC50 Rat 658 g/m3 4 h

Propane (74-98-6)

Inhalation LC50 Rat 658 mg/L 4 h

Product Toxicity Data

Acute Toxicity Estimate

Dermal	> 2000 mg/kg
Inhalation - Vapor	16.6666 mg/L
Oral	> 2000 mg/kg

Immediate Effects

May be fatal if swallowed and enters airways. Harmful if inhaled. Causes skin and eye irritation. May cause respiratory irritation. May cause drowsiness and dizziness.

Delayed Effects

Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Irritation/Corrosivity Data
Causes skin and eye irritation. May cause respiratory tract irritation.
Respiratory Sensitization
No information available for the product.
Dermal Sensitization
No information available for the product.
Component Carcinogenicity

Toluene	**108-88-3**
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999] ; Monograph 47 [1989] (Group 3 (not classifiable))

Germ Cell Mutagenicity
No information available for the product. Toluene was not mutagenic in the Ames Salmonella/microsome assay. The results of chromosomal assays have been mixed. In vitro sister chromatid exchange and chromosome aberrations using human lymphocytes have been both positive and negative.
Tumorigenic Data
No data available
Reproductive Toxicity
Available data characterizes components of this product as reproductive hazards.
Specific Target Organ Toxicity - Single Exposure
Central nervous system, respiratory system
Specific Target Organ Toxicity - Repeated Exposure
Central nervous system, kidneys
Aspiration hazard
May be fatal if swallowed and enters airways.
Medical Conditions Aggravated by Exposure
No data available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life with long lasting effects.
Component Analysis - Aquatic Toxicity

Toluene	**108-88-3**
Fish:	LC50 96 h Pimephales promelas 15.22 - 19.05 mg/L [flow-through] (1 day old); LC50 96 h Pimephales promelas 12.6 mg/L [static]; LC50 96 h Oncorhynchus mykiss 5.89 - 7.81 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 14.1 - 17.16 mg/L [static]; LC50 96 h Oncorhynchus mykiss 5.8 mg/L [semi-static]; LC50 96 h Lepomis macrochirus 11 - 15 mg/L [static]; LC50 96 h Oryzias latipes 54 mg/L [static]; LC50 96 h Poecilia reticulata 28.2 mg/L [semi-static]; LC50 96 h Poecilia reticulata 50.87 - 70.34 mg/L [static]

Algae:	EC50 96 h Pseudokirchneriella subcapitata >433 mg/L IUCLID ; EC50 72 h Pseudokirchneriella subcapitata 12.5 mg/L [static] EPA
Invertebrate:	EC50 48 h Daphnia magna 5.46 - 9.83 mg/L [Static] EPA ; EC50 48 h Daphnia magna 11.5 mg/L IUCLID

Persistence and Degradability
No information available for the product.
Bioaccumulative Potential
No information available for the product.
Mobility
No information available for the product.
Other Toxicity
No data available for the mixture.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods
Wastes must be tested using methods described in 40 CFR 261 to determine if it meets applicable requirements of hazardous wastes.
Component Waste Numbers
The U.S. EPA has not published waste numbers for this product's components

Section 14 - TRANSPORT INFORMATION

US DOT Information:
Shipping Name: AEROSOLS, FLAMMABLE
Hazard Class: 2.1
UN/NA #: UN1950
Required Label(s): 2.1
Additional information: Marine pollutant

IATA Information:
Shipping Name: AEROSOLS, FLAMMABLE
Hazard Class: 2.1
UN#: UN1950
Required Label(s): 2.1
Additional information: Marine pollutant

IMDG Information:
Shipping Name: AEROSOLS
Hazard Class: 2
UN#: UN1950
Required Label(s): 2
Additional information: Marine pollutant

TDG Information:
Shipping Name: AEROSOLS, FLAMMABLE
Hazard Class: 2.1
UN#: UN1950
Required Label(s): 2.1
Additional information: Marine pollutant

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations
This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Toluene	**108-88-3**
SARA 313:	1 % de minimis concentration
CERCLA:	1000 lb final RQ ; 454 kg final RQ

SARA Section 311/312 (40 CFR 370 Subparts B and C) 2016 reporting categories
Acute Health: Yes **Chronic Health:** Yes **Fire:** Yes **Pressure:** Yes **Reactivity:** No
SARA Section 311/312 (40 CFR 370 Subparts B and C) 2017 reporting categories
Flammable; Acute toxicity; Reproductive Toxicity; Skin Corrosion/Irritation; Serious Eye Damage/Eye Irritation; Specific Target Organ Toxicity; Aspiration Hazard
U.S. State Regulations
The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Toluene	**108-88-3**	Yes	Yes	Yes	Yes	Yes
Butane	**106-97-8**	Yes	Yes	Yes	Yes	Yes
Propane	**74-98-6**	No	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects

Toluene	**108-88-3**
Repro/Dev. Tox	developmental toxicity , 1/1/1991

Canada Regulations
Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Toluene	**108-88-3**
	1 %
Butane	**106-97-8**
	1 %

WHMIS Classification

Class B: Flammable and Combustible Material , Division 5: Flammable Aerosols , Class D: Poisonous and Infectious Material , Division 2: Materials Causing Other Toxic Effects , Subdivision A: Very Toxic Materials

Component Analysis - Inventory

Toluene (108-88-3)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

Butane (106-97-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

Propane (74-98-6)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

Crystal violet lactone (1552-42-7)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	No	Yes

Section 16 - OTHER INFORMATION

HMIS Rating
Health: 2* Fire: 4 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard
NFPA Ratings
Health: 2 Fire: 4 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes
Updated: 11/01/2018

Key / Legend
ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania*; CAS - Chemical Abstracts Service; CFR - Code of Federal Regulations (US); CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC – European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of LIsts™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX – Mexico; NDSL – Non-Domestic Substance List (Canada); NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TCCA – Korea

Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW – Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); WHMIS - Workplace Hazardous Materials Information System (Canada).

Other Information
Disclaimer:
Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.