# SAFETY DATA SHEET

#### 1. Identification

**Product identifier LIGHT BLUE S539A** 

Other means of identification

**Product Code** 07519 710126 604 Recommended use Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Quest Industrial Products, LLC. Company name N92 W14701 Anthony Avenue **Address** Menomonee Falls, WI 53051

**United States** 

Phone Telephone (262) 255-9500

Website quest-ip.com

E-mail info@guest-ip.com

**Emergency phone number** Chemtrec Phone 800-424-9300

# 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

> Liquefied gas Gases under pressure Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Carcinogenicity Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Category 2

Category 3

Specific target organ toxicity, repeated Category 1

exposure

**Environmental hazards** Hazardous to the aquatic environment, acute Category 1

hazard

Hazardous to the aquatic environment,

Reproductive toxicity (the unborn child)

long-term hazard

**OSHA** defined hazards Not classified.

Label elements

**Health hazards** 



Signal word Danger

Hazard statement Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing

cancer. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Precautionary statement** Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to

the environment. Wear protective gloves/protective clothing/eye protection/face protection.

SDS US 1 / 12 07519 710126 604 Version #: 01 Issue date: 04-24-2015

If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable Response

for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing. If exposed or concerned: Get medical

advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated

clothing and wash before reuse. Collect spillage.

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

sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures

exceeding 50°C/122°F.

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

Hazard(s) not otherwise classified (HNOC)

None known

Supplemental information 51.22% of the mixture consists of component(s) of unknown acute hazards to the aquatic

environment. 51.22% of the mixture consists of component(s) of unknown long-term hazards to

the aquatic environment.

# 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
ACETONE		67-64-1	30 to <40
PROPANE		74-98-6	10 to <20
N-BUTANE		106-97-8	5 to <10
PROPYLENE GLYCOL METHYL ETHER ACETATE		108-65-6	5 to <10
TITANIUM DIOXIDE		13463-67-7	5 to <10
XYLENE		1330-20-7	5 to <10
ETHYLBENZENE		100-41-4	1 to <5
COPPER		7440-50-8	0.1 to <1
TOLUENE		108-88-3	0.1 to <1
Other components below reportable level	ls		10 to <20

<sup>\*</sup>Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

Inhalation 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.

No adverse effects due to skin contact are expected. Remove contaminated clothing. Wash with Skin contact

plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash

contaminated clothing before reuse.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

No specific first aid measures noted.

Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or Ingestion

poison control center. Rinse mouth.

Most important symptoms/effects, acute and

delayed

media

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May

cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Symptoms may be delayed.

**General information** 

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in

Provide general supportive measures and treat symptomatically. Keep victim under observation.

attendance.

## 5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing

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

Do not use water jet as an extinguisher, as this will spread the fire.

Material name: LIGHT BLUE S539A

SDS US

Specific hazards arising from the chemical

Special protective equipment and precautions for firefighters

Fire fighting

equipment/instructions

Specific methods

General fire hazards

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not

Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

# 7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

## Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	Form
ACETONE (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm	
COPPER (CAS 7440-50-8)	PEL	1 mg/m3	Dust and mist.

Material name: LIGHT BLUE S539A 07519 710126 604 Version #: 01 Issue date: 04-24-2015

Type	Value	Form
	0.1 mg/m3	Fume.
PEL	435 mg/m3	
	•	
	100 ppm	
PEL	1800 mg/m3	
	1000 ppm	
PEL	15 mg/m3	Total dust.
	-	
PEL	-	
	100 ppm	
<b>)</b> )		
Туре	Value	
Ceiling	300 ppm	
<u> </u>		
	200 ppiii	
Tuno	Value	
туре	value	
STEL	750 ppm	
TWA	500 ppm	
TWA	20 ppm	
	1000 ppm	
TWA	10 mg/m3	
T14/4	00	
TWA	100 ppm	
Hazards		_
Туре	Value	Form
TWA	590 mg/m3	
	250 ppm	
TWA	1 mg/m3	Dust and mist.
STEL	545 mg/m3	
	-	
	125 ppm	
TWA		
TWA	1900 mg/m3	
	800 ppm	
TWA	1800 mg/m3	
	1000 ppm	
STEL	560 mg/m3	
STEL	560 mg/m3 150 ppm	
STEL TWA	_	
	150 ppm	
TWA	150 ppm 375 mg/m3	
	150 ppm 375 mg/m3	
TWA re Level (WEEL) Guides Type	150 ppm 375 mg/m3 100 ppm <b>Value</b>	
TWA re Level (WEEL) Guides	150 ppm 375 mg/m3 100 ppm	
TWA re Level (WEEL) Guides Type	150 ppm 375 mg/m3 100 ppm <b>Value</b>	
TWA re Level (WEEL) Guides Type	150 ppm 375 mg/m3 100 ppm <b>Value</b> 50 ppm	<b>Time</b>
TWA re Level (WEEL) Guides Type TWA	150 ppm 375 mg/m3 100 ppm <b>Value</b>	- Time
	PEL PEL PEL PEL PEL PEL O) Type Ceiling TWA Type STEL TWA TWA STEL TWA TWA STEL TWA TWA STEL TWA TWA STEL TWA TYPE TWA TYPE TWA TWA TYPE TWA	PEL 0.1 mg/m3 435 mg/m3  100 ppm 1800 mg/m3 1000 ppm 15 mg/m3  PEL 15 mg/m3  PEL 435 mg/m3 100 ppm 17 mg/m3  PEL 200 ppm  Type Value  Ceiling 300 ppm TWA 200 ppm  TWA 500 ppm TWA 500 ppm TWA 20 ppm  STEL 750 ppm TWA 20 ppm  STEL 750 ppm TWA 10 mg/m3  TWA 20 ppm  STEL 1000 ppm TWA 10 mg/m3  TWA 20 ppm  TWA 10 ppm TWA 100 ppm TWA 150 ppm TWA 1900 mg/m3

ACGIH Biological Exposu Components	re Indices Value	Determinant	Specimen	Sampling Time
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
TOLUENE (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
XYLENE (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

<sup>\* -</sup> For sampling details, please see the source document.

#### **Exposure guidelines**

## US - California OELs: Skin designation

PROPYLENE GLYCOL METHYL ETHER ACETATE

Can be absorbed through the skin.

(CAS 108-65-6)

**TOLUENE (CAS 108-88-3)** 

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

**TOLUENE (CAS 108-88-3)** 

Skin designation applies.

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

## Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles). Eye/face protection

Skin protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove Hand protection

Other Wear appropriate chemical resistant clothing.

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an Respiratory protection

air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

#### **Appearance**

**Physical state** Liquid.

**Form** Aerosol. Liquefied gas.

Color Not available. Odor Not available. **Odor threshold** Not available. pН Not available.

Melting point/freezing point -305.68 °F (-187.6 °C) estimated -43.78 °F (-42.1 °C) estimated Initial boiling point and boiling

range

-156.0 °F (-104.4 °C) estimated Flash point

Not available. **Evaporation rate** Flammability (solid, gas) Not applicable.

Material name: LIGHT BLUE S539A SDS US Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

1.9 % estimated

Flammability limit - upper

(%)

12.8 % estimated

Explosive limit - lower (%) Not available. Not available. Explosive limit - upper (%)

2558.74 hPa estimated Vapor pressure

Vapor density Not available. Not available. Relative density

Solubility(ies)

Not available. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

**Auto-ignition temperature** 550 °F (287.78 °C) estimated

**Decomposition temperature** Not available. Not available. **Viscosity** 

Other information

6.62 lbs/gal **Density** 

Flammability class Flammable IA estimated Heat of combustion (NFPA 25.93 kJ/g estimated

30B)

Percent volatile 78.92 Specific gravity 8.0

VOC 2.7948686 lbs/gal Material

> 4.4306715 lbs/gal Regulatory 530.911535 g/l Regulatory 334.899118 g/l Material

10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

Material is stable under normal conditions. **Chemical stability** Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid

Incompatible materials

Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Strong acids. Acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.

**Hazardous decomposition** No hazardous decomposition products are known.

products

## 11. Toxicological information

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. May cause

drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Expected to be a low ingestion hazard. Ingestion

Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms related to the

physical, chemical and toxicological characteristics Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May

cause redness and pain.

Information on toxicological effects

Narcotic effects. **Acute toxicity** 

Material name: LIGHT BLUE S539A SDS US

Components	Species	Test Results
ACETONE (CAS 67-64-1)		
<u>Acute</u>		
Dermal	D. 11.0	45000 #
LD50	Rabbit	> 15800 mg/kg
Inhalation	D./	70
LC50	Rat	76 mg/l, 4 Hours
Oral	Maura	2000
LD50	Mouse	3000 mg/kg
ETINA BENEZINE (O. S. C.	Rat	5800 mg/kg
ETHYLBENZENE (CAS 100-41-4)		
Acute Downer		
<b>Dermal</b> LD50	Rabbit	17800 mg/kg
	Nappit	17000 Hig/kg
<b>Oral</b> LD50	Rat	3500 mg/kg
N-BUTANE (CAS 106-97-8)	· ····	occo mgrkg
Acute		
Inhalation		
LC50	Mouse	680 mg/l, 2 Hours
	Rat	658 mg/l, 4 Hours
PROPANE (CAS 74-98-6)		3,
Acute		
Inhalation		
LC50	Rat	> 1442.847 mg/l, 15 Minutes
TOLUENE (CAS 108-88-3)		-
<u>Acute</u>		
Dermal		
LD50	Rabbit	12124 mg/kg
		14.1 ml/kg
Inhalation		
LC50	Mouse	5320 ppm, 8 Hours
		400 ppm, 24 Hours
	Rat	26700 ppm, 1 Hours
		12200 ppm, 2 Hours
		8000 ppm, 4 Hours
Oral		• •
LD50	Rat	2.6 g/kg
XYLENE (CAS 1330-20-7)		
<u>Acute</u>		
 Dermal		
LD50	Rabbit	> 43 g/kg
Inhalation		
LC50	Mouse	3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg
	based on additional component data not shown	

<sup>\*</sup> Estimates for product may be based on additional component data not shown. **Skin corrosion/irritation** Causes skin irritation.

Material name: LIGHT BLUE S539A

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

**Carcinogenicity** Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

ETHYLBENZENE (CAS 100-41-4)

2B Possibly carcinogenic to humans.

TITANIUM DIOXIDE (CAS 13463-67-7)

2B Possibly carcinogenic to humans.

TOLUENE (CAS 108-88-3)

XYLENE (CAS 1330-20-7)

3 Not classifiable as to carcinogenicity to humans.

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity Components in this product have been shown to cause birth defects and reproductive disorders in

laboratory animals. Suspected of damaging the unborn child.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not an aspiration hazard.

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

Ecotoxicity Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
ACETONE (CAS 67-64	-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
COPPER (CAS 7440-50	0-8)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0.036 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.0319 - 0.0544 mg/l, 96 hours
ETHYLBENZENE (CAS	3 100-41-4)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
TITANIUM DIOXIDE (C	AS 13463-67-7)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours
TOLUENE (CAS 108-88	8-3)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours

Material name: LIGHT BLUE S539A 07519 710126 604 Version #: 01 Issue date: 04-24-2015 Components **Species Test Results** 

XYLENE (CAS 1330-20-7)

**Aquatic** 

Fish LC50 Bluegill (Lepomis macrochirus) 7.711 - 9.591 mg/l, 96 hours

No data is available on the degradability of this product. Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ACETONE	-0.24
ETHYLBENZENE	3.15
N-BUTANE	2.89
PROPANE	2.36
TOLUENE	2.73
XYLENE	3.12 - 3.2

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

# 13. Disposal considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents **Disposal instructions** 

under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

## 14. Transport information

DOT

UN1950 UN number

**UN proper shipping name** 

Transport hazard class(es)

Aerosols, flammable, 2.1

Not available. Class

Subsidiary risk

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

UN1950 **UN** number

Aerosols, flammable, 2.1 **UN proper shipping name** 

Transport hazard class(es)

Not available. Class

Subsidiary risk

Packing group Not applicable.

**Environmental hazards** No.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft

Forbidden.

Cargo aircraft only

Forbidden.

**IMDG** 

**UN** number UN1950

Aerosols, flammable, 2.1 **UN proper shipping name** 

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Transport hazard class(es)

Class Not available.

Subsidiary risk

Packing group Not applicable.

**Environmental hazards** 

Marine pollutant No.

EmS Not available.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC Code

# 15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

Not established.

All components are on the U.S. EPA TSCA Inventory List.

# TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

# CERCLA Hazardous Substance List (40 CFR 302.4)

ACETONE (CAS 67-64-1) Listed.
COPPER (CAS 7440-50-8) Listed.
ETHYLBENZENE (CAS 100-41-4) Listed.
N-BUTANE (CAS 106-97-8) Listed.
PROPANE (CAS 74-98-6) Listed.
TOLUENE (CAS 108-88-3) Listed.
XYLENE (CAS 1330-20-7) Listed.

#### SARA 304 Emergency release notification

Not regulated.

# OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

## SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
XYLENE	1330-20-7	5 to <10	
ETHYLBENZENE	100-41-4	1 to <5	
COPPER	7440-50-8	0.1 to <1	
TOLUENE	108-88-3	0.1 to <1	

## Other federal regulations

## Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

ETHYLBENZENE (CAS 100-41-4) TOLUENE (CAS 108-88-3) XYLENE (CAS 1330-20-7)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6)

Safe Drinking Water Act

Not regulated.

(SDWA)

Material name: LIGHT BLUE S539A SDS US

## Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and **Chemical Code Number**

ACETONE (CAS 67-64-1) 6532 **TOLUENE (CAS 108-88-3)** 6594

#### Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

ACETONE (CAS 67-64-1) 35 %WV **TOLUENE (CAS 108-88-3)** 35 %WV

**DEA Exempt Chemical Mixtures Code Number** 

ACETONE (CAS 67-64-1) 6532 **TOLUENE (CAS 108-88-3)** 594

#### **US** state regulations

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

## US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

**ACETONE (CAS 67-64-1)** COPPER (CAS 7440-50-8)

ETHYLBENZENE (CAS 100-41-4)

N-BUTANE (CAS 106-97-8)

TITANIUM DIOXIDE (CAS 13463-67-7)

**TOLUENE (CAS 108-88-3)** XYLENE (CAS 1330-20-7)

#### **US. Massachusetts RTK - Substance List**

**ACETONE (CAS 67-64-1)** 

COPPER (CAS 7440-50-8)

ETHYLBENZENE (CAS 100-41-4)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TITANIUM DIOXIDE (CAS 13463-67-7)

**TOLUENE (CAS 108-88-3)** 

XYLENE (CAS 1330-20-7)

## US. New Jersey Worker and Community Right-to-Know Act

**ACETONE (CAS 67-64-1)** 

COPPER (CAS 7440-50-8)

ETHYLBENZENE (CAS 100-41-4)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TITANIUM DIOXIDE (CAS 13463-67-7)

**TOLUENE (CAS 108-88-3)** 

XYLENE (CAS 1330-20-7)

#### US. Pennsylvania Worker and Community Right-to-Know Law

**ACETONE (CAS 67-64-1)** 

COPPER (CAS 7440-50-8)

ETHYLBENZENE (CAS 100-41-4)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TITANIUM DIOXIDE (CAS 13463-67-7)

**TOLUENE (CAS 108-88-3)** 

XYLENE (CAS 1330-20-7)

#### US. Rhode Island RTK

**ACETONE (CAS 67-64-1)** 

COPPER (CAS 7440-50-8)

ETHYLBENZENE (CAS 100-41-4)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

**TOLUENE (CAS 108-88-3)** 

XYLENE (CAS 1330-20-7)

#### **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Material name: LIGHT BLUE S539A

## US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

ETHYL ALCOHOL (CAS 64-17-5)

Listed: April 29, 2011

Listed: July 1, 1988

ETHYLBENZENE (CAS 100-41-4)

TITANIUM DIOXIDE (CAS 13463-67-7)

Listed: September 2, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin

ETHYL ALCOHOL (CAS 64-17-5) Listed: October 1, 1987 TOLUENE (CAS 108-88-3) Listed: January 1, 1991 US - California Proposition 65 - CRT: Listed date/Female reproductive toxin TOLUENE (CAS 108-88-3) Listed: August 7, 2009

#### **International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

# 16. Other information, including date of preparation or last revision

**Issue date** 04-24-2015

Version # 01

**HMIS**® ratings Health: 2\*

Flammability: 4 Physical hazard: 0

NFPA ratings Health: 2

Flammability: 4 Instability: 0

**Disclaimer** The information in the sheet was written based on the best knowledge and experience currently

available. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. 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. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this

material will infringe any such patents, and for obtaining any required licenses.

Material name: LIGHT BLUE S539A sps us

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).