EIS BIG BLUE LAYOUT

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	EIS BIG BLUE LAYOUT
Product Code	10-7544

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Metalworking product
Uses Advised Against	None
Company Identification	Spray Products Corporation P.O. Box 737 Norristown, PA 19404
Telephone	(610) 277-1010
Fax	(610) 277-4390
E-Mail (competent person)	sds@sprayproducts.com

Emergency telephone number

Emergency Phone No.	**Transportation Emergency:** CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products under OSHA Hazard Communication labeling .

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Flam. Aerosol 1; Liquefied gas; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1

Label elements

Hazard Symbol

Signal word(s) DANGER

Hazard Statement(s)

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes skin irritation.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

May cause damage to organs through prolonged or repeated exposure (Inhalation - neuropsychological effects, auditory dysfunction and effects on colour vision)

Precautionary Statement(s)	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray.
Other hazards	Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Acetone	40 - 50	67-64-1	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Propane	10 - 20	74-98-6	Flam. Gas 1; H220 Liquefied gas; H280
Butane	10 - 20	106-97-8	Flam. Gas 1; H220 Liquefied gas; H280
n-Butyl Acetate	5 - 10	123-86-4	Flam. Liq. 3; H226 STOT SE 3; H336
Solvent Naphtha (Petroleum) Light Aliphatic	5 - 10	64742-89-8	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Asp. Tox. 1; H304 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Xylene	5 - 10	1330-20-7	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Irrit. 2B; H319 Asp. Tox. 1; H304 STOT SE 3: H336 Aquatic Acute 2; H401
Ethyl benzene	1 - 5	100-41-4	Flam. Liq. 2; H225 Acute Tox. 4; H332 Asp. Tox. 1; H304 STOT RE 2; H373 Aquatic Acute 2; H401 Aquatic Chronic 3; H412
Alkyd Resin	5 - 10	Proprietary	Not classified as dangerous for supply/use.

Additional Information - None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation	Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact	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	Do not give anything by mouth to an unconscious person. Seek medical treatment. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	May be harmful if swallowed and enters airways.
Indication of any immediate medical attention and special treatment needed	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media -Unsuitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray. Do not use water jet.
Special hazards arising from the substance or mixture	Highly flammable vapor (flash point below 23°C).
Advice for fire-fighters	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Eliminate sources of ignition. Avoid contact with skin and eyes. Avoid breathing vapors.
Environmental precautions	Prevent liquid entering sewers, basements and work pits.
Methods and material for containment and cleaning up	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
Reference to other sections	None
Additional Information	None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing spray.

Conditions for safe storage, including any incompatibilities

-Storage temperature	Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 °C / 122 °F.
-Incompatible materials	This product should be stored away from sources of strong heat or oxidizing chemicals.
Specific end use(s)	Metalworking product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA) PEL (OSHA)	(8hr TWA) TLV (ACGIH)	(STEL) PEL (OSHA)	(STEL) TLV (ACGIH)	Note:
Acetone	67-64-1	1000 ppm	250 ppm	------	500 ppm	------
Propane	74-98-6	1000 ppm	Aspyx.#	-----	-----	#
Ethyl benzene	100-41-4	100 ppm	20 ppm	----	-----	----
Xylene	1330-20-7	100 ppm	100 ppm	----	150 ppm	----
n-Butyl Acetate	123-86-4	150 ppm	150 ppm	------	200 ppm	------

#Assure minimum oxygen content of work atmosphere.

Recommended monitoring method NIOSH 1300 (Ketones I); NIOSH 1500 (hydrocarbons, B.P. 36 - 126 ºC); NIOSH 1501 (Hydrocarbons, Aromatic); NIOSH 1450 (n-Butyl Acetate)

Exposure controls

Appropriate engineering controls Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Personal protection equipment

Eye/face protection — Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other) — Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber or Butyl rubber). Use gloves only once. Check with protective equipment manufacturer's data.

Respiratory protection — Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards — Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls Prevent liquid entering sewers, basements and work pits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Aerosol spray
Color.	Blue
Odor	Hydrocarbon
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Extremely flammable aerosol.
Explosive Limit Ranges	2.1% - 9.5% v/v (Propane)
Vapor pressure (Pascal)	ca. 95 x 10^4 (Propane)
Vapor Density (Air=1)	ca. 1.56 @ 0ºC (Propane)
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available

Decomposition Temperature (°C)	Not available
Kinematic Viscosity	<20 mm2/s @ 40°C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation**,** Skin Contact**,** Eye Contact

Information on toxicological effects

Acetone (CAS No. 67-64-1)

Acute toxicity	Oral LD50 = 5800 mg/kg (rat) Dermal LD50 >15800 mg/kg (rabbit) Inhalation LC50 76 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.
Irritation / Corrosivity	Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Oral NOAEL = 900 mg/kg/day (rat) (90-days) Inhalation NOAEL ≥ 19,000 ppm (rat)
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	Negative
Toxicity for reproduction	Negative
Other information	None known.

Xylenes (CAS No.1330-20-7)

Acute toxicity	Oral LD50 = 3520 mg/kg (rat) Dermal LD50 >5000 mg/kg (rabbit) Inhalation LC50 = 27.6 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness. May cause respiratory irritation.
Irritation / Corrosivity	Causes eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Oral NOAEL = 900 mg/kg/day (rat) (90-days) Inhalation NOAEL ≥ 19,000 ppm (rat)
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.*

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	Negative
Toxicity for reproduction	Negative

Solvent Naphtha (Petroleum) Light Aliphatic (CAS No. 64742-89-8)

Acute toxicity	Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw Inhalation: LC50 >5610 mg/L (Vapor), 4-hr. rat May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
Irritation / Corrosivity	Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity(By analogy with similar materials)	NOEL: <500 mg/kg bw/day (5 workdays/week for 4 weeks, oral., rat, Systemic effects) NOAEC: 1402 mg/m3 (6 hr/day for 113 weeks, inhal., rat, Systemic effects)
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	Not to be expected
Other information	None known.

Ethyl benzene (CAS# 100-41-4): A3 - Confirmed Animal Carcinogen with unknown relevance to humans (ACGIH®). IARC Group 2B - Possibly carcinogenic to humans.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Xylene (CAS No. 1330-20-7)

Acute toxicity	LC50 (96 hour) = 2.6 mg/l (*Oncorhynchus mykiss*) IC50 (24 hour(s)) = 1 mg/l (*Daphnia magna*) EC50 (73 hour(s)) = 1.9 mg/l (*Pseudokirchnerella subcapitata*)
Long Term Toxicity	NOEC (56 days) > 1.3 mg/l (*Oncorhynchus mykiss*) NOEC (7 days) 1.17 mg/l (*Ceriodaphnia dubia*) NOEC (73 hours) 1.9 mg/l (*Pseudokirchnerella subcapitata*)

Solvent Naphtha (Petroleum) Light Aliphatic (CAS No. 64742-89-8)

Acute toxicity	LL50 (96 hour): 8.2 mg/L (*Pimephales promelas*) EL50 (48 hour): 4.5 mg/l (*Daphnia magna,* mobility*)* EL50 (96 hour): 3.7 mg/l (*Pseudokirchnerella subcapitata*)
Long Term Toxicity	NOELR (28 days) 2.6 mg/l *(Pimephales promelas*) QSAR NOELR (21 days): 16 mg/l (*Daphnia magna*) NOELR (72 hour) 0.5 mg/l (Algae)

Persistence and degradability	Biodegradable
Bioaccumulative potential	The product has no potential for bioaccumulation.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	U.S. DOT	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status**:** All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Acetone	67-64-1	40 - 50	5000
Xylene	1330-20-7	5 - 10	100
Ethyl benzene	100-41-4	1 - 5	1000
n-Butyl Acetate	123-86-4	5 - 10	5000

SARA 311/312 - Hazard Categories: See SECTION 2: HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Xylene	1330-20-7	5 - 10
Ethyl benzene	100-41-4	1 - 5

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Ethyl benzene	100-41-4	Cancer

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.
Date of preparation: July 5, 2017

Hazard Statement(s) and Risk Phrases Listed in: SECTION 3:

Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- H226: Flammable liquid and vapour.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H336: May cause drowsiness or dizziness.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H401: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

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