

BOOSTane® X

SDS Number: 75874

Revision Date: 8/3/2018

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Intellineering LLC
10981 Harmony Park Drive, Suite 5
Bonita Springs, FL 35135

Emergency: 1-800-424-9300 (Chemtrec)

Product Name: BOOSTane® SHOT
Revision Date: 8/3/2018
SDS Number: 75874
CAS Number: Blend
Product Code: 75874
Synonyms: Gasoline Additive

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 4
Health, Skin corrosion/irritation, 2
Health, Acute toxicity, 3 Oral
Health, Specific target organ toxicity - Single exposure, 3
Health, Carcinogenicity, 2
Health, Aspiration hazard, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H227 - Combustible liquid
H315 - Causes skin irritation
H301 - Toxic if swallowed
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer
H304 - May be fatal if swallowed and enters airways

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P243 - Take precautionary measures against static discharge.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+313 - IF exposed or concerned: Get medical advice/attention.

BOOSTane® SHOT

SDS Number: 75874

Revision Date: 8/3/2018

Page 2 of 5

3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
64742-94-5	>60%	Solvent naphtha, petroleum, heavy arom.
64742-95-6	<20%	Solvent naphtha, petroleum, light arom.
*****	<20%	Proprietary
12108-13-3	<10%	Methylcyclopentadienyl manganese tricarbonyl
91-20-3	<10%	Naphthalene
95-63-6	<5%	1,2,4-Trimethylbenzene
108-67-8	<2%	1,3,5-Trimethylbenzene

4 FIRST AID MEASURES

Inhalation:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
Eye Contact:	Flush with water for several minutes. If effects occur, consult a physician.
Ingestion:	Rinse mouth with water and drink 2-4 cups of water. Get immediate medical attention. Note to Physician: Activated charcoal may be administered.

5 FIRE FIGHTING MEASURES

Flash Point:	64 C (147 F)
Use dry powder, foam, or carbon dioxide fire extinguishers.	
Water may be ineffective unless used by experienced fire fighters.	

6 ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition - Heat, sparks, flame, and electricity
 Contain spilled material.
 Collect in suitable and properly labeled containers.
 Pick up excess with inert absorbant material
 Keep away from drains and ground water.

7 HANDLING AND STORAGE

Handling Precautions:	Avoid contact with eyes, skin, or clothing. Keep away from sources of ignition. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Handle with care and avoid spillage on the floor (slippage). Ground and bond containers when transferring material
Storage Requirements:	Keep away from sources of ignition. Store in a tightly closed container

BOOSTane® SHOT

SDS Number: 75874

Revision Date: 8/3/2018

Page 3 of 5

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
Personal Protective Equipment:	Use of safety glasses and gloves is recommended.
Exposure Guidelines:	<p>Light Aromatic Solvent Naphtha (Petroleum) OSHA TWA: 500 ppm</p> <p>Heavy Aromatic Solvent Naphtha (Petroleum) OSHA TWA: 500 ppm, 8 hours</p> <p>1,2,4-Trimethylbenzene ACGIH TWA: 25 ppm</p> <p>Naphthalene OSHA TWA: 10 ppm, 50 mg/m³</p> <p>Methylcyclopentadienyl Manganese Tricarbonyl ACGIH TWA: 0.2 mg/m³, 8 hours</p>

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber	Odor:	Hydrocarbon-like
Physical State:	Liquid	Solubility:	Nil in water
Spec Grav./Density:	0.91 at 60 F (Water = 1)	Freezing/Melting Pt.:	Not available
Viscosity:	Not available	Flash Point:	64 C (147 F)
Boiling Point:	Not available	Vapor Density:	Not available
Flammability:	Not available	Bulk Density:	7.62 lbs/gal
Partition Coefficient:	Not available		
Vapor Pressure:	Not available		
pH:	Not available		
Evap. Rate:	Not available		
Decomp Temp:	Not available		

10 STABILITY AND REACTIVITY

Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	High temperatures above 50 C (122 F), sparks, and open flame.
Materials to Avoid:	Avoid strong oxidizing agents. May burn or react violently to flourine/oxygen mixtures.
Hazardous Decomposition:	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION**Acute Toxicity****SKIN EFFECTS:**

Solvent Petroleum Naphtha no deaths reported at 4 ml/kg in rats. Slightly irritating in rabbits at 4 hours.

1,2,4-Trimethylbenzene LD50 3160 mg/kg in rabbits

Naphthalene LD50 >2500 mg/kg in rats

MMT LD50 >2000 mg/kg in rabbits >2000 mg/kg

ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha LD50 10 ml/kg in rats.

1,2,4-Trimethylbenzene LD50 5000 mg/kg in rats

Naphthalene LD50 2600 mg/kg in rats

MMT LD50 175 mg/kg in rats

1,3,5-Trimethylbenzene LD50 >5000 mg/kg

BOOSTane® SHOT

SDS Number: 75874

Revision Date: 8/3/2018

Page 4 of 5

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha no deaths at 710 ppm in rats at 4 hours.
 1,2,4-Trimethylbenzene LC50 vapor 18000 mg/m³ in rats at 4 hours.
 MMT LC50 vapor >2000 ppm in rats at 1 hour
 1,3,5-Trimethylbenzene LC50 vapor 24000 mg/m³ in rats at 4 hours.

Carcinogenicity: Naphthalene 2B IARC, Reasonably anticipated to be a human carcinogen.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

12 ECOLOGICAL INFORMATION

Avoid exposing to the environment.
 Toxic to aquatic organisms.
 May cause long term adverse effects in the aquatic environment.
 This product contains components which may be persistent in the environment.

13 DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, state/provincial, and national requirements
 Do not flush to surface water or drains

14 TRANSPORT INFORMATION

NA1993, Combustible liquid, n.o.s., Combustible liquid, PGIII, (Contains Petroleum Naphtha, Methyl-cyclopentadienyl Manganese Tricarbonyl), (Marine pollutant)

This material is not regulated for US DOT transportation in quantities less than 119 gallons.

IMDG & IATA: UN3082, Environmentally Hazardous Substance, liquid, n.o.s., (Contains Petroleum Naphtha, Methyl-cyclopentadienyl Manganese Tricarbonyl), 9, III. Marine pollutant.

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

 Solvent naphtha, petroleum, heavy arom. (64742-94-5) [70-90%] TSCA

Solvent naphtha, petroleum, light arom. (64742-95-6) [<15%] TSCA

Proprietary amine compound (0) [<15%] GADSL, REACH

Methylcyclopentadienyl manganese tricarbonyl (12108-13-3) [<10%] EHS302, MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

RQ(100LBS), Naphthalene (91-20-3) [<10%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

1,2,4-Trimethylbenzene (95-63-6) [<5%] MASS, NJHS, PA, SARA313, TSCA, TXAIR

1,3,5-Trimethylbenzene (108-67-8) [<2%] MASS, TSCA

Regulatory CODE Descriptions

BOOSTane® SHOT

SDS Number: 75874

Revision Date: 8/3/2018

Page 5 of 5

RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
GADSL = Global Automotive Declarable Substance List (GADSL)
REACH = REACH List of Substances of Very High Concern (RSL)
EHS302 = Extremely Hazardous Substance
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA WAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
PRIPOL = Clean Water Act Priority Pollutants
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List

16

OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Intellineering LLC assumes no legal responsibility for use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Intellineering LLC.