

**MAXMPG ALL SEASON  
DEUCE JUICE ADDITIVE**

SDS Number: 151101

Revision Date: 01/21/20

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**1****PRODUCT AND COMPANY IDENTIFICATION****Vendor**

Industrial Injection, Inc.  
2858 South 300 West Salt  
Lake City, UT 84115

**Phone:** 1- (800) 955-0476**Emergency:** 1-(800) 955-0476**Product Identifier:**

MAXMPG ALL SEASON DEUCE JUICE ADDITIVE

**Synonyms:**

Fuel Additive

**SDS Number:**

151101

**Product Code:**

151101

**Revision Date:**

01/21/20

**CAS Number:**

Blend

**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, Serious Eye Damage/Eye Irritation, 2 A  
Health, Specific target organ toxicity - Single exposure, 3  
Health, Acute toxicity, 4 Dermal  
Health, Acute toxicity, 4 Inhalation  
Health, Acute toxicity, 4 Oral  
Health, Carcinogenicity, 2  
Health, Aspiration hazard, 1  
Environmental, Hazards to the aquatic environment - Chronic, 2

**GHS Label Elements, Including Precautionary Statements****GHS Signal Word: DANGER****GHS Hazard Pictograms:****GHS Hazard Statements:**

H227 - Combustible liquid  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H335 - May cause respiratory irritation  
H312 - Harmful in contact with skin  
H332 - Harmful if inhaled  
H302 - Harmful if swallowed  
H351 - Suspected of causing cancer  
H304 - May be fatal if swallowed and enters airways  
H411 - Toxic to aquatic life with long lasting effects

**GHS Precautionary Statements:**

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

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P273 - Avoid release to the environment.  
 P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+313 - IF exposed or concerned: Get medical advice/attention.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

**When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature.**

**VAPOR MAY CAUSE FLASH FIRE**

<b>3</b>	<b>COMPOSITION/INFORMATION OF INGREDIENTS</b>
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Chemical Ingredients:		
CAS#	%	Chemical Name:
27247-96-7	52%	2-Ethylhexyl nitrate
64742-94-5	4-9%	Solvent naphtha, petroleum, heavy aromatic
34590-94-8	7.5%	Dipropylene glycol methyl ether
64742-47-8	7%	Distillates, petroleum, hydrotreated light
Trade Secret	3-7%	Long chain alkenyl heterocycle (proprietary)
95-63-6	1-4%	1,2,4-Trimethylbenzene
64742-95-6	<3%	Solvent naphtha, petroleum, light aromatic
1330-20-7	<3%	Xylene
84605-20-9	<3%	Amine compound
91-20-3	<2%	Naphthalene
108-67-8	<2%	1,3,5-Trimethylbenzene
103-65-1	<2%	n-Propyl benzene
526-73-8	<1%	1,2,3-Trimethylbenzene
100-41-4	<1%	Ethyl benzene

<b>4</b>	<b>FIRST AID MEASURES</b>
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**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.

<b>5</b>	<b>FIRE FIGHTING MEASURES</b>
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**Flash Point:** > 68 C (> 155 F)

Use dry powder, foam, or carbon dioxide fire extinguishers.  
 Water may be ineffective unless used by experienced fire fighters.

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature. Spray storage vessels with water to

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maintain temperature below 100 C (212 F).

VAPOR MAY CAUSE FLASH FIRE. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

**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

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature. See SDS for more details.

**Storage Requirements:** Keep away from sources of ignition.  
 Store in a tightly closed container

**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:**

**Light Aromatic Solvent Naphtha (Petroleum)**  
 OSHA TWA: 500 ppm

**1,2,4-Trimethylbenzene**  
 ACGIH TWA: 25 ppm

**Xylene**  
 OSHA TWA: 100 ppm, 435 mg/m<sup>3</sup>

**Naphthalene**  
 OSHA TWA: 10 ppm, 50 mg/m<sup>3</sup>

**Dipropylene Glycol Methyl Ether**  
 OSHA PEL: 100 ppm, 600 mg/m<sup>3</sup>

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Amber	<b>Odor:</b>	Hydrocarbon-like
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Nil in water
<b>Spec Grav./Density:</b>	0.94 at 60 F (Water = 1)	<b>Freezing/Melting Pt.:</b>	Not available
<b>Viscosity:</b>	Not available	<b>Flash Point:</b>	> 68 C (> 155 F)
<b>Boiling Point:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>Flammability:</b>	Not available		

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**Partition Coefficient:** Not available  
**Vapor Pressure:** Not available  
**pH:** Not available  
**Evap. Rate:** Not available  
**Decomp Temp:** Not available

**Bulk Density:** 7.8 lbs/gal

**10****STABILITY AND REACTIVITY**

**Chemical Stability:** May be unstable at temperatures greater than 100 C (212 F)  
**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.

**11****TOXICOLOGICAL INFORMATION****Acute Toxicity****1,2,4-Trimethylbenzene**

LD50 Dermal Rabbit 3160 mg/kg  
LD50 Oral Rat 5000 mg/kg  
LD50 Oral Rat 3400 to 6000 mg/kg  
LC50 Inhalation, Vapor, Rat 18000 mg/m<sup>3</sup> 4 hours

**Naphthalene**

LD50 Dermal Rat >2500 mg/kg  
LD50 Oral Rat 2600 mg/kg  
LC50 Inhalation, Gas, Rat >100 ppm 8 hours

**Light aromatic solvent naphtha (petroleum)**

LD50 Dermal Rabbit >3160 mg/kg  
LD50 Oral Rat 3492 mg/kg  
LC50 Inhalation, Vapor, Rat 6193 mg/m<sup>3</sup> 4 hours

**Dipropylene glycol methyl ether**

LD50 Dermal Rabbit >19000 mg/kg  
LD50 Oral Rat 5135 mg/kg

**2-Ethylhexylnitrate**

LD50 Dermal Rabbit >5000 mg/kg  
LD50 Oral Rat >10000 mg/kg

**Amine compound**

LD50 Dermal Rat >2000 mg/kg

**Xylene**

LC50 Inhalation Gas. Rat 5000 ppm 4 hours  
LD50 Dermal Rabbit >1700 mg/kg  
LD50 Oral Rat 4300 mg/kg

**Sensitization** None known.

**Germ Cell Mutagenicity** None known.

**Carcinogenicity** Naphthalene, IARC 2B

**Reproductive toxicity** None known.

**Specific target organ systemic toxicity (repeated exposure)** None known.

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**12 ECOLOGICAL INFORMATION**

Avoid exposing to the environment.  
Toxic to aquatic organisms.  
May cause long term adverse effects in the aquatic environment. Based on calculations.  
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 2-Ethylhexylnitrate, Petroleum Naphtha), (Marine pollutant)

Not regulated by US DOT in containers less than 119 gallons.

IMDG & IATA: UN3082, Environmentally Hazardous Substance, liquid, nos, (2-Ethylhexylnitrate, Petroleum Naphtha), 9, III.  
Marine pollutant.

**15 REGULATORY INFORMATION**

[%] RQ (CAS#) Substance - Reg Codes

[52%] 2-Ethylhexyl nitrate (27247-96-7) TSCA

[4-9%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[7.5%] Dipropylene glycol methyl ether (34590-94-8) MASS, OSHAWAC, PA, TSCA, TXAIR

[7%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[3-7%] Trade Secret (\*\*\*\*\*)

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

[<3%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

[<3%] RQ(100LBS), Xylene (1330-20-7) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[<3%] Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs. (84605-20-9) TSCA

[<2%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

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

[<2%] n-Propyl benzene (103-65-1) MASS, PA, TSCA

[<1%] 1,2,3-Trimethylbenzene (526-73-8) TSCA, TXAIR

[<1%] Ethyl benzene (100-41-4) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TSCA, TXAIR

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**WARNING**

This product can expose you to chemicals including Naphthalene and Ethylbenzene, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Regulatory Code Legend

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RQ = Reportable Quantity  
TSCA = Toxic Substances Control Act  
MASS = MA Massachusetts Hazardous Substances List  
OSHAWAC = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
NJHS = NJ Right-to-Know Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals  
CERCLA = Superfund clean up substance  
CSWHS = Clean Water Act Hazardous substances  
EPCRAWPC = EPCRA Water Priority Chemicals  
HAP = Hazardous Air Pollutants  
TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)  
TXHWL = TX Hazardous Waste List  
GADSL = Global Automotive Declarable Substance List (GADSL)  
PRIPOL = Clean Water Act Priority Pollutants  
PROP65 = CA Prop 65  
TOXICPOL = Clean Water Act Toxic Pollutants

**16****OTHER INFORMATION**

The information contained in this Safety Data Sheet relates only to the specific material designated. Industrial Injection, Inc. 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 Industrial Injection, Inc.

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