

InPlant Systems, Inc.



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SAFETY DATA SHEET

Conforms with Federal OSHA Registration & UN GHS

Effective Date 6/11/95 --- Revised 11/25/2018

TO PROMOTE SAFE HANDLING, EACH CUSTOMER OR RECIPIENT SHOULD: (1) NOTIFY ITS EMPLOYEES, AGENTS, CONTRACTORS AND OTHERS WHOM IT KNOWS OR BELIEVES WILL USE THIS MATERIAL OR THE INFORMATION IN THIS MSDS/SDS AND ANY OTHER INFORMATION REGARDING HAZARDS OR SAFETY; (2) FURNISH THIS SAME INFORMATION TO EACH OF ITS CUSTOMERS FOR THE PRODUCT; AND (3) REQUEST ITS CUSTOMERS TO NOTIFY THEIR EMPLOYEES, CUSTOMERS, AND OTHER USERS OF THE PRODUCT OF THIS INFORMATION

MANUFACTURER URGES EACH CUSTOMER OR RECIPIENT OF THIS MSDS/SDS TO STUDY IT CAREFULLY TO BECOME AWARE OF AND UNDERSTAND THE CHARACTERISTICS AND PROPERTIES ASSOCIATED WITH THIS PRODUCT.



Health
Fire
Reactivity
Personal Protection

SECTION I – PRODUCT IDENTITY

NAME:

FAST-N-GREEN Penetrating Cleaner Concentrate

D.O.T Class:

Combustible Liquid, N.O.S

Formula:

Proprietary

NFPA/HMIS:

Flammability 2, Hazard 1, Reactivity 0, Special 0

Scale:

(0= Minimal 1=Slight, 2=Moderate, 3=Serious, 4=Severe)

Product Code: 062785
 Chemical Family: Blend of "Food Grade Quality" Citrus Terpenes in a Proprietary blend of Methyl Soyate/Ethyl Lactate/Fatty Acid Methyl Esters, hydrophilic and lipophilic ethoxylated straight chain and amphoteric surfactants.

SECTION II – PHYSICAL & CHEMICAL CHARACTERISTICS

FIRE and EXPLOSION DATA

Molecular Weight	NA, mixture
Boiling Point 760 mm Hg	>215° F
Specific Gravity	.88-.892 @ 77°F
Vapor Pressure	<2 mmHg@ 68°F
Flash Point	156°F
Evaporation Rate	Medium to low
Reactivity Rate	None Known
Appearance	Yellowish green unless dyed
Odor	Citrus-orange/lemon/grapefruit Fragrance
Fire Extinguisher	CO ₂ , Foam or Dry Chemical
Solubility in water	Creates a micro-emulsion in water
PH (depending on % water dilution)	6.0 to 8.0
Shelf Life – diluted form surfactant activity	5+ years

COMPOSITION/INFORMATION ON INGREDIENTS:

<u>Component</u>	CAS#	PWE/OSHA	TLV/AGGIH
Citrus Terpenes	94266-47-4	NONE	NONE
Proprietary Blend Fatty Acid-Methyl Esters.....	67784-80-9	NONE	NONE
Ethyl Lactate	97-64-3	NONE	NONE
Unsaturated Methyl Esters	6762-38-3	NONE	NONE
Proprietary Surfactant Blend	68425-47-8	NONE	NONE
	34398-01-1	NONE	NONE

SECTION III – PHYSICAL HAZARDS

Stability:	stable
Hazardous Polymerization:	will not occur
Incompatible Substances:	will not occur, normally unreactive
Flammability	Undiluted is combustible, which is defined as having a flash point between 100°F (37.8°C) and 200°F (93.3°C).

Conditions to Avoid:

slippery when spilled (contain, collect, and rinse with water).

SECTION IV – HEALTH HAZARDS

Threshold Limit Values (exposure):

None established by OSHA or ACGIH

SIGNS AND SYMPTOMS OF OVER EXPOSURE:

Ingestion:

May cause abdominal discomfort, nausea, and diarrhea

Skin Absorption:

Continuous contact will dry out the skin, may cause mild irritation. No evidence of harmful effects from available information has been determined on prolonged contact.

Inhalation:

Mist may cause irritation of the respiratory tract

Skin Contact:

Brief contact is not irritating. Prolonged contact may cause minor irritation or possible slight local redness.

Eye Contact:

May cause moderate irritation, experienced by excess blinking and tear production.

Other Effect of Overexposure:

None currently known

Emergency & First Aid Procedures:

Swallowing:

Give multiple glasses of milk or water, if swallowed

Skin:

Rinse skin with water

Inhalation:

Remove to fresh air

Eyes:

Immediately flush eyes with water and continue for at least 15 minutes

Note:

This product does not contain any carcinogens of potential carcinogens as listed by OSHA, IARC, or NTP.

OSHA Regulatory Status

This product is combustible, which is defined as having a flash point between 100°F (37.8°C) and 200°F (93.3°C).

SECTION IV – HEALTH HAZARDS - Continued

Toxicological Information

Acute Effects: Methyl Soyate has been shown to have very low oral toxicity (LD₅₀ >5 g/kg) when tested on rats, low dermal toxicity (LD₅₀ >2g/kg when tested on rabbits. Citrus Terpenes have been known to have low oral toxicity (LD₅ >5g/kg) and a low dermal toxicity (LD₅₀ >5 g/kg) when tested on rabbits. Terpenes may be a skin and eye irritant; inhalation may cause irritation of the nose, throat and respiratory tract.

Chronic Effects: This product is not classified as a carcinogen by OSHA, IARC or NTP This product has not been shown to produce genetic changes when tested on bacterial or animal cells. This product does not contain known reproductive or developmental toxins. Prolonged or repeated exposure can cause drying or dermatitis of skin. Improper storage and handling may lead to the formation of a possible skin sensitizer

SECTION V – REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization	Will not occur
Conditions to Avoid:	Keep away from heat, sparks, flames
Incompatible Materials:	Strong Oxidizing Agents, peroxides, halogens, vinyl chloride and iodine pentafluoride

SECTION VI – SPILL OR LEAK PROCEDURES

Steps to Be Taken if Material is Released Or Spilled:

Wear eye and skin protection. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (e.g. Sand, earth, absorbent media). To avoid gelling and

foaming problems, do not use water to flush until free material has been collected. Flushed discharges are not toxic to the environment. No Federal or State regulations are known which would prohibit emergency-spill discharges of product.

SECTION VI – SPILL OR LEAK PROCEDURES - Continued

Waste Disposal Method:

Can be disposed of as non-hazardous, non-toxic, unregulated waste. However, disposal must comply with all pertinent Local, State, and Federal regulations.

SECTION VII – SPECIAL PROTECTION

Respiratory:	No protection is expected to be needed; however, if heavy use or misting occurs, a respirator, goggles, and gloves should be used.
Ventilation:	General (mechanical) room ventilation is expected to be satisfactory.
Protective gloves:	PVC-coated type glove for prolonged contact.
Eye Protection:	Chemical splash goggles (monogoggles)
Other protective equipment:	Eye bath, safety shower, & chemical apron.

SECTION VIII – SPECIAL PRECAUTIONS

PREVENTATIVE MAINTENANCE:

Do not get in eyes.	Surfactants can cause foaming problems
Do not swallow.	Surfactants can be slippery
Keep container closed when not in use.	
Use under adequate ventilation.	
Wash thoroughly after handling.	

TRANSPORTATION INFORMATION:

DOT SHIPPING CLASSIFICATION

Proper Shipping Name: Combustible Liquid. N.O.S. (Citrus Terpenes/Ethyl Lactate)
Hazardous Class 3

Identification No.: NA1993
Packaging Group III
TGD Status: Not Hazardous
IMO Status: Not Hazardous
IATA Status: Not Hazardous

SECTION IX – REGULATORY INFORMATION

GLOBAL INVENTORIES

The components of this product are included in the following inventories:

USA (TSCA)
Canada (DSL)
Australia (AISC)
Europe (EINECS)
Korea (DECL)

Federal EPA

Comprehensive Environmental Response Compensation, and Liability act of 1980 (CERCLA) requires notification of National Response Center of release of Quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

*****NONE*****

Superfund Amendments and Reauthorization Act of 1986 (SARA), Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311, and 312).

Components presented in this product at a level which could require reporting under the statute are:

*****NONE*****

Superfund Amendments and Reauthorization Act of 1986 (SARA), Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR372 (for SARA 313). This information must be included in all MSDSs/SDSs that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

*****NONE****

STATE RIGHT-TO-KNOW

California: Proposition 65:
This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III (Section 313) This substance contains no materials subject to the reporting requirements of SARA Title III (Section 313).

Massachusetts: Right-to-know, Substance List (MSL):
Hazardous substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.
Components present in this product at a level which could require reporting under the statute are:

*****NONE****

Pennsylvania: Right-to-know, Hazardous Substance List:
Hazardous Substances and Special Hazardous Substances on the List must be identified when present in products.

*****NONE*****

CAUTION: The user should conduct his/her own experiments and establish proper procedures and control before attempting use on critical parts

NOTE: The opinions expressed herein are those of qualified experts within InPlant Systems, Inc. and its chemical suppliers. We believe that the information contained herein is current as of the date

of this Material Safety Data Sheet/Safety Data Sheet. Since the use of this information and the conditions of use of the product are not under the control of InPlant systems, Inc., it is the user's obligation to determine conditions of safe use of the product.

InPlant Systems, Inc.



**Conforms with Federal OSHA Registration
Effective Date 6/11/95 --- Revised 11/05/2015**



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