

SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Pronto Super Soy Product Use: Heavy Duty Paint Stripper Manufactured for: Twin-Chem, Inc. 6175 Hickory Flat Highway Canton, GA 30115	Product Identification # (PIF): 02040 Emergency Telephone #: 1-800-255-3924 General Information #: 770-924-5333 Date Prepared: August 4, 2014 Date Revised: November 11, 2015
--	---

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: DANGER

Hazard Class	Category	Code	Hazard Statement
Flammable Liquid	4	H227	Combustible liquid
Acute Oral Toxicity	4	H302	Harmful if swallowed
Skin Irritation	2	H315	Causes skin irritation
Eye Irritation	2A	H319	Causes serious eye irritation
STOT: SE, Respiratory Tract Irritation	3	H335	May cause respiratory irritation
STOT, Single Exposure; Narcotic effects	3	H336	May cause drowsiness or dizziness
Reproductive toxicity	1B	H360	May damage fertility or the unborn child

Precautionary Measures:

Category	Code	Statement
Prevention	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
	P261	Avoid breathing fumes/mists/vapors/sprays.
	P264	Wash thoroughly after handling.
	P270	Do not eat, drink or smoke or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P281	Use personal protective equipment as required.
Response	P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P330	Rinse mouth.
	P302+P352	IF ON SKIN: Wash with soap and water.
	P321	Specific treatments: See Section 4 First Aid Measures.
	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P362	Take off contaminated clothing and wash before reuse.
	P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing.
Storage	P337+P313	If eye irritation persists: Get medical advice/attention.
	P308+P313	IF exposed or concerned: Get medical attention/advice.
	P370+P378	In case of fire: Use Foam, dry chemical, carbon dioxide fire extinguishers, water spray for extinction.
Storage	P403+P235 P405	Store in a well ventilated place. Keep Cool. Store locked up.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

Description of any hazards not otherwise classified: Prolonged/repeated skin contact may cause skin defatting (dermatitis). May be absorbed through the skin. Ingestion may irritate the mouth, throat and gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS #	Concentration Range %
n-Methyl Pyrrolidone	NMP	872-50-4	48 – 52
Tetrahydrofurfuryl alcohol	THFA	97-99-4	15 – 19
1-Methoxy 2-Propanol Acetate	Glycol ether PM acetate	108-65-6	1 – 3

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention if irritation persists.

Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

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. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Rinse mouth. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Other: May damage fertility or the unborn child. If exposed or concerned: Get medical attention/advice.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIA Combustible Liquid

Flash Point: 165°F (74°C)

Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water spray. Do not spray water directly on fire. Use water spray to cool containers.

Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.

Hazardous combustion products: Oxides of carbon and nitrogen.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is a Class IIIA combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required (Section 8). Eliminate all ignition sources. Ventilate area. Avoid breathing fumes/mists/vapors/sprays. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Vapor-suppressing foam may be used to reduce vapors. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required (Section 8). Use only outdoors or in a well-ventilated area. Do not handle around sources of ignition. Vapors are heavier than air and may travel along the ground to an ignition source. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not premix with other chemicals. Avoid breathing fumes/mists/vapors/sprays. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in while handling or in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight – Keep cool. Keep from freezing. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Protect from physical damage. Store away from strong oxidizing agents and strong acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS #	OSHA/PEL	ACGIH/TLV	STEL
n-Methyl Pyrrolidone	872-50-4	Not established	Not established	Not established
Tetrahydrofurfuryl alcohol	97-99-4	Not established	Not established	Not established
1-Methoxy 2-Propanol Acetate	108-65-6	Not established	Not established	Not established

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles. Wear face shield when splashing is possible.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing. Wear apron when splashing is possible.

Respirator: Use NIOSH approved protection with organic vapor cartridge if vapors are causing irritation, if vapor concentrations are high, or if mists/sprays are generated.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Straw-colored, clear liquid	Upper/Lower flammability limits	Not determined
Odor	Solvent	Vapor pressure	Not determined
Odor threshold	Not determined	Vapor density (Air = 1)	>1
pH	Not applicable	Relative Density (water = 1.0)	0.975 g/ml
Melting point	Not determined	Solubility	Negligible
Freezing point	Not determined	Partition coefficient	Not determined
Boiling point	Not determined	Auto-ignition temperature	Not determined
Flash point	165°F (74°C)	Decomposition temperature	Not determined
Evaporation rate (n-butyl acetate=1)	<1	Viscosity	Not determined
Flammability	Class IIIA Combustible	%Volatile/Volume	69

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong oxidizing agents and strong acids.

Hazardous combustion products: Oxides of carbon and nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD50 Rat): 1600mg/kg

Dermal (LD50 Rabbit): 5mg/kg

Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Causes skin irritation. Symptoms may include redness and itching. Prolonged contact may cause defatting of the skin (dermatitis). May be absorbed through the skin.

Serious eye damage/irritation: Severe eye irritant. Symptoms may include tearing and redness.

Respiratory or skin sensitization: Vapors may cause irritation to respiratory tract. Symptoms may include coughing and difficulty breathing. High vapor concentrations or prolonged vapor exposure may cause central nervous system depression, dizziness, blurred vision, nausea, vomiting and headaches.

Germ cell mutagenicity: Not available.

Carcinogenicity: NTP/IARC/OSHA Carcinogen: Not listed.

Reproductive toxicity: In a California Dept. of Health study, NMP caused delayed growth in the offspring of animals exposed during pregnancy. NMP also reduced fertility in male rats and increased the time for female rats to become pregnant.

STOT-single exposure: Immediate – eye, skin and respiratory irritant. May cause CNS depression. Harmful if swallowed.

STOT-repeated exposure: Delayed - Prolonged contact may cause defatting of the skin (dermatitis). May cause CNS depression.

Aspiration hazard: Not available

Ingestion: May irritate the mouth, throat and gastrointestinal tract. Ingestion may cause developmental effects during pregnancy.

Likely routes of exposure: Eyes, skin and inhalation

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm

96h EC-50 (invertebrates): >100ppm

48h LC-50 (algae): >10ppm

Persistence and degradability: Expected to be readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: Soil mobility not determined. This product floats on water. This product is volatile and may spread in the atmosphere.

Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States DOT:

US DOT Container of 119 gallons or less:

Combustible Liquid - 49 CFR 173.120 (b)(1): This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less for ground transportation. Exception CFR 173.150(f)(2): Combustible liquids.

US DOT Container of 120 gallons or more:

UN/ID No.: NA1993

Proper Shipping Name: Combustible liquid, n.o.s., (n-Methyl Pyrrolidone, Tetrahydrofurfuryl Alcohol, Glycol Ether PM Acetate)

Hazard Class: Comb liq

Packing Group: III

IATA and IMDG:

Not regulated per 49CFR 171.11(d)(3): Combustible – Flash point above 140°F (63°C)

Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

Immediate (Acute) Health	Yes	Fire Hazard	Yes
Delayed (Chronic) Health	No	Reactive Hazard	No

SARA Title 313: This material contains the following chemical components with known CAS numbers subject to reporting requirements (40 CFR 372): N-Methyl Pyrrolidone Ether CAS# 872-50-4, % by wt. = 50%.

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: N-Methyl Pyrrolidone CAS# 872-50-4 - Massachusetts and Pennsylvania. Tetrahydrofurfuryl alcohol CAS# 97-99-4 – Massachusetts and Pennsylvania.

Proposition 65: This product contains the following chemicals known to the State of California to cause cancer, birth defects or other reproductive harm: N-Methyl Pyrrolidone CAS#872-50-4

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date Prepared: November 11, 2015 – Updated SDS to GHS standards revision #5.

Hazard Ratings (HMIS): Health 2, Flammability 2, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Product VOC: 69%

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

Abbreviation	Full Name/Explanation
ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CNS	Central Nervous System
CFR	Code of Federal Regulations
DOT	Department of Transportation
EC	Effective Concentration
HMIS	Hazardous Material Information System
LC	Lethal Concentration
LD	Lethal Dose
NA	Not Applicable
ND	Not Determined
NE	Not Established
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation Recovery Act
SARA	Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
VOC	Volatile Organic Compounds

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.