

SECTION I : PRODUCTION IDENTIFICATION AND USE

TRADE NAME : ISTpure HT PART # : 330166, 330167, 330168, 330169

CHEMICAL NAME AND SYNONYMS : Mixture



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24 HOURS EMERGENCY : 1 877 629-8202

PRODUCT USE : All-Purpose Lubricant

WHMIS CLASS AND DESCRIPTION : This product is not regulated by the WHMIS.

TRANSPORTATION (TDG)

SHIPPING NAME : None

UN NUMBER : None

CLASS DESCRIPTION : None

SECTION II : HAZARDS IDENTIFICATION

Statements	Precautionary Statements	GHS Pictogram
<p>H320 Causes eye irritation Category 2B</p>	<p>P280. Wear protective gloves/eye protection/face protection.</p> <p>P501. Dispose of contents/ container in accordance with local/ regional/national/international regulation.</p>	<p>Signal Word : Warning !</p>

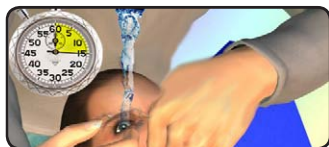
SECTION III : COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Percent
<p>Hydrocarbon mixture</p>	<p>N/A</p>	<p>100%</p>

SECTION IV : FIRST AID MEASURES



INHALATION : If mists of the product are inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician immediately.



EYE EXPOSURE : If the product enters the eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Have victim roll eyes. **Minimum flushing is for 15 minutes.** Contaminated individual must seek immediate medical attention, especially if symptoms persist.



SKIN EXPOSURE : If the product is spilled on the skin, immediately begin decontamination with running water. Contaminated individual must seek immediate medical attention, especially if irritation or redness develops. Wash contaminated clothing and shoes before reuse.



INGESTION : No hazard under normal industrial use. Ingestion of large quantities may lead to discomfort, nausea, and vomiting.

SECTION V : FIRE FIGHTING MEASURES

Fire Extinguishing Materials : Water spray (fog), foam, dry chemical, or carbon dioxide.

Unusual Fire and Explosion Hazards : When involved in a fire, this material may decompose and produce irritating fumes and toxic gases including oxides of carbon and heavy black soot and smoke.

Special Fire-Fighting Procedures : Cool exposed equipment with water spray until well after fire is out. Use full protective clothing and self-contained breathing apparatus (SCBA) if fighting fire. Containers can build up pressure if exposed to heat (fire).

SECTION VI : ACCIDENTAL RELEASE MEASURES

Spill and Leak Response : In case of a spill, clear the affected area. Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. Absorb spilled liquid with polypads or other suitable sorbent materials. Decontaminate the area thoroughly. Do not contaminate any lakes, streams, ponds, groundwater, or soil. Dispose of in accordance with Federal, State, and local hazardous waste disposal regulations.



SECTION VII : HANDLING AND STORAGE

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the day.

Storage and Handling Practices : Carbon steels (without coating), carbon steels with baked phenolic or epoxy coating. Store in a cool, dry place; keep container closed when not in use. Open the container with caution. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing.

SECTION VIII : EXPOSURE CONTROLS/PERSONAL

Airborne Exposure Limits :

- OSHA Permissible Exposure Limit (PEL): none established
- OSHA Short Term Exposure Limit (STEL): none established
- OSHA Immediately Dangerous to Life or Health (IDLH): none established
- ACGIH Threshold Limit Value (TLV): none established
- ACGIH Short Term Exposure Limit (STEL): none established



Ventilation and Engineering Controls : Mechanical ventilation may be necessary if working with the product in enclosed areas or at elevated temperatures.

Respiratory Protection : Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels, mist, or vapors. Select the appropriate NIOSH-approved organic vapor air-purifying respirator, self-contained breathing apparatus, or air supplied respirators in situations where there may be potential for overexposure.

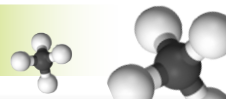
Eye Protection : Wear safety glasses with side shields.

Hand Protection : Wear long sleeves and chemical resistant gloves.

Personal Protective Equipment Level : C

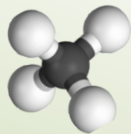


SECTION IX : PHYSICAL AND CHEMICAL PROPERTIES



DESCRIPTION	DATA
Relative Vapor Density (Air = 1)	>1
Evaporation Rate (N-Buac=1)	Not available.
Specific Gravity	0.88 at 68° F
Melting Point	< -81° F
Solubility in Water	Negligible
Boiling Point	> 626° F
Vapor Pressure	<1 mmHg at 77° F
Viscosity	23.2 cSt at 104° F
Odor	Faint hydrocarbon odor
Odor Threshold	Not available.

DESCRIPTION	DATA
Physical State	Liquid
pH	Not applicable
Partition Coefficient	Not available
Decomposition Temp.	Not available
Flammability (solid, gas)	Not available
Molecular Weight	Mixture
Color	Clear, yellow
Flash Point	356° F (closed cup)
Autoignition Temperature	626° F
Flammable Limits (in air by vol %):	Not available



SECTION X : STABILITY AND REACTIVITY

Stability : Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products : Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: carbon oxides and traces of incompletely burned carbon compounds

Materials with Which Substance Is Incompatible : Strong oxidizing agents.

Hazardous Polymerization : Will not occur.

SECTION XI : TOXICOLOGICAL INFORMATION

Acute Oral Toxicity : LD50: >5,000 mg/kg (rat).

Acute Dermal Toxicity: LD50 : >2000 mg/kg (rabbit).

Suspected Cancer Agent : This product's ingredients are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, CAL/OSHA, and therefore is not considered to be, nor suspected to be cancer causing agents by these agencies.

Reproductive Toxicity Information : This product is not reported to produce mutagenic, embryotoxic, teratogenic, or reproductive effects in humans.

SECTION XII : ECOLOGICAL INFORMATION

Environmental Stability : The ingredients in this product are extremely stable in the environment and are not readily subject to biodegradation.

Effect of Material on Plants or Animals : This product may be harmful to contaminated plant and animal life (especially if large quantities are released).

Effect of Chemical on Aquatic Life : This product may be harmful to aquatic life if large quantities are released into bodies of water.

SECTION XIII : DISPOSAL CONSIDERATIONS

Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.



SECTION XIV : TRANSPORTATION INFORMATION

This material is non-hazardous as defined by 49 CFR 172.101 by the US Department of Transportation when shipped by air, vessel, or in bulk highway or rail containers (greater than 110 gallons).

Transport Canada Transportation of Dangerous Goods Regulations :

This material is considered as non-hazardous.

Standard Heat transfer Oil Not Restricted.

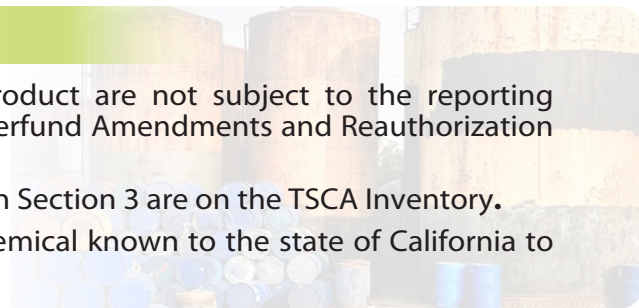


SECTION XV : REGULATORY INFORMATION

SARA Reporting Requirements : The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

TSCA Inventory Status : The components of this product listed in Section 3 are on the TSCA Inventory.

California Proposition 65 : This product does not contain a chemical known to the state of California to cause cancer.



SECTION XVI : OTHER INFORMATION

Revision Date : July 19th, 2013

This MSDS was prepared by IST Inc.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. IST assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, IST assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

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