

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	ORKO
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1650
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Red Grease
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1650.04
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	02/09/2017
		REPLACES VERSION DATED:	2015-08-05 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification:	Flammable aerosol	1
	Liquefied gas	
	Skin Irritant	2
	Eye Irritant	2B
	Carcinogenicity	2
	Specific Target Organ Toxicity (Single Exposure)	3
	Aspiration Hazard	1

Label elements



Signal word: Danger

Hazard statement: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes eye irritation. Suspected of causing cancer. May cause drowsiness and dizziness. May be fatal if swallowed and enters airways.
This product contains the following percentage of chemicals of unknown toxicity: 28%

Precautionary statement: Keep away from heat/sparks/open flames/hot surfaces – No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves. Avoid breathing fumes, vapors, and spray. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

Hazards not otherwise classified N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Heptane	142-82-5	10-30
Hydrotreated Heavy Naphthenic Petroleum Distillate	64742-52-5	15-40
Propane/n-Butane	68476-86-8	10-30
Tetrachloroethylene	127-18-4	10-30

SECTION 4: FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
Eyes:	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Skin:	If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.
Ingestion:	Seek medical attention immediately, rinse mouth out with water, drink 2 glasses of water, and induce vomiting immediately as directed by medical personnel.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Chronic Health Hazards	Possible cancer causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.
Note to Physician	Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media	Dry chemical, Foam, or Carbon Dioxide (CO ₂).
Unsuitable extinguishing media	Water spray/stream.
Special firefighting procedures	Wear full protective clothing and NIOSH approved SCBA with full face piece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.
Unusual fire and explosion hazards	Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Hazardous combustion products	Oxides of carbon, hydrogen chloride gas, and Phosgene under forced combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Remove sources of ignition such as pilot lights. Material is heavier than air and can settle in low lying areas in flammable concentrations, ventilate area. Product will undergo rapid evaporation. Use absorbent on spill sweep to clean. Small releases may be wiped up with wiping material. Dispose in accordance with local, state and federal laws.
Waste Disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste solvent likely considered U210 (Tetrachloroethylene) under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Handling and storage	Pressurized container: Do not pierce or burn, even after use. Store locked up. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.
Other precautions	Use gloves, lab coat or apron, splash goggles, and use a vapor respirator approved/certified respirator or equivalent when ventilation is not adequate.
Incompatibility	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA</u>	<u>ACGIH</u>
Heptane	500 ppm	400 ppm
Hydrotreated Heavy Naphthenic Petroleum Distillate	5mg/m ³	5mg/m ³
Propane/n-Butane	1000 ppm	1000 ppm

Tetrachloroethylene	25 ppm	25 ppm
Engineering Controls	Use only outdoors in a well-ventilated area.	
Respiratory protection	If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.	
Personal protective equipment	Safety glasses and chemical resistant gloves.	
Additional measures	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red Viscous Spray
Odor	Petroleum Odor
Odor Threshold:	N/D
Vapor Pressure:	N/A
Vapor Density:	N/A
Freezing Point:	N/D
Boiling Point:	N/D
Evaporation Rate:	N/D
Autoignition Temperature:	N/D
Viscosity:	N/D
Specific Gravity (H2O=1)	0.93
pH:	N/A
Solids	28%
Solubility:	0%
Flash Point:	N/D
Flammability:	Extremely Flammable Aerosol
Partition coefficient (n-octanol/water):	N/D
Decomposition Temperature:	N/D
Volatility Including Water	70.5%
Volatile Organic Compounds (VOC)	48%
Dielectric Strength	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Chemically active metals and bases
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) and sources of ignition.
Incompatibility	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.
Hazardous decomposition or by-products	Oxides of carbon, Hydrogen Chloride gas, and Phosgene.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information	Tetrachloroethylene (127-18-4) LD ₅₀ (Oral, Rat) 2629 mg/kg; LD ₅₀ (Dermal, Rabbit) > 3228 mg/kg; LD ₅₀ (IPR, Mouse) 4700 mg/kg; LC ₅₀ (Inhalation, Mouse, 4hr) 5200 ppm; LC ₅₀ (Inhalation, Rat, 8hr) 34200 mg/m ³ .
Routes of entry	Eyes, Ingestion, Inhalation, Skin.
Eyes	Strong Irritation likely, redness, visual disturbance, and pain. May cause eye damage
Ingestion	Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, tremor, drowsiness, pulmonary edemas, absorption through the gastrointestinal tract may produce symptoms of CNS depression ranging from unconsciousness to death.

Inhalation	Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.
Skin	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Medical condition aggravated	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Chronic health hazards	Possible cancer causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.
Carcinogenicity	OSHA: Yes ; ACGIH: A3 - Animal Carcinogen; NTP: 2 – Anticipated; IARC: 2A - Probable OTHER: CA Prop 65

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	Tetrachloroethylene - 127-18-4 - Ecotoxicity in water (LC50): 18.4 mg/l 96 hours [Fish (Fathead Minnow)]. 18 mg/l 48 hours [Daphnia (daphnia)]. 5 mg/l 96 hours [Fish (Rainbow Trout)]. 13 mg/l 96 hours [Fish (Bluegill sunfish)].
Biodegradability	Component or components of this product are not biodegradable.
Bioaccumulation	This product is not expected to bioaccumulate.
Soil Mobility	This product is mobile in soil.
Other ecological hazards	This material is toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA status	Waste solvent likely considered U210 (Tetrachloroethylene) under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

DOT	DOT Proper Shipping Name: Aerosols, Ltd. Qty Hazard Class/Division: 2.1 (6.1) UN/NA Number: UN1950 Packaging Group N/A
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This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

SECTION 15: REGULATORY INFORMATION

TSCA status	All chemicals are listed or exempt.
Cercla (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):	Tetrachloroethylene (127-18-4) Reportable Quantity = 100 lbs
Sara 311/312 hazard categories	Acute, Chronic, Flammable, Carcinogen
Sara 313 reportable ingredients	Tetrachloroethylene (127-18-4)

State regulations	California Prop 65 - Tetrachloroethylene is known to the state of California to cause cancer. Tetrachloroethylene - Massachusetts Right To Know, Pennsylvania Right To Know, New Jersey Right To Know, Heptane -Massachusetts Right To Know, Pennsylvania Right To Know, New Jersey Right To Know
International regulations	All components of this product are on the Canadian DSL list.

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS