SECTION 1: IDENTIFICATION

Product Name: Product Code(s):	Pure & Simple 5522
CAS Number:	Not applicable for mixtures
Product Use:	White Oil
Restrictions of Use:	This product must not be used in applications other than recommended in section 1 without taking the advice from supplier/manufacturer
Manufacturer/Supplier: Address: Telephone Number:	Atco International 1401 Barclay Circle,S.E., Marietta, GA 30060 (770)424-7550
Emergency Telephone Number:	(800)255-3924 (24 Hrs)

SECTION 2: HAZARD IDENTIFICATION

OSHA Hazard Communication Standard: This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200

Hazard statements:

Carcinogenicity: No carcinogenic classification under GHS / CLP H316: Causes mild skin irritation H320: Causes eye irritation

2.3 Other hazards

Health hazards: Not expected to be a health hazard when used under normal conditions. Prolonged or repeated skin contact without proper cleaning may clog the skin pores resulting disorders like acne/folliculitis.

Safety hazard: Not classified as flammable but will burn

Environmental hazard: Not classified as environmental hazard under GHS criteria

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.P102: Keep out of reach of children.P103: Read label before use. P233:Keep container tightly closed.

SIGNAL WORD: WARNING

Prevention: Wear protective gloves while handling. Wear eye and face protection. Wash hands thoroughly after handling

Response: If on skin, wash with plenty of soap and water. Remove contaminated cloth and wash thoroughly before use. If skin irritation occurs, get medical advice. If in eyes, wash with water for several minutes, in case of contact lenses, remove and wash with plenty water. In case of irritation, get medical attention.

Hazard not otherwise classified (HNOC): None as classified under 29 CFR 1900.1200

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	% (weight)
Distillates (Petroleum), Hydrotreated Heavy Paraffinic	64742-54-7	100

Additional information:

As per 29 CFR 1910.1200 paragraph (i), formulation is considered as trade secret and therefore specific chemical names and their percentages of components used have not been disclosed. The details about their specific chemical names and their percentages may be provided on request to health professionals, authorized representatives of regulatory authority, employees concerned in accordance with applicable provisions of this paragraph.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information: Not expected to be health hazard if used under normal conditions

Inhalation: Under normal conditions of intended use, this material is not expected to be inhalation hazard. If some symptom exists, remove to fresh air. If not breathing, give artificial respiration. Get medical attention

Skin Contact: Remove contaminated clothes. Flush exposed area with plenty of water followed by washing by soap, if available. If persistent irritation occurs, obtain medical attention. If product is injected into or under the skin due to any reason, the victim, regardless of size or appearance of wound, victim should be brought immediately to medical attention for emergency surgical needs. Though the initial symptoms due to high pressure injection may be minimal / absent, early surgical treatment may significantly reduce the extent of injury.

Eye Contact: Immediately flush with large quantities of cool water for at least 15 minutes. Get medical attention.

Ingestion: In general no treatment is necessary unless large quantities are swallowed; however, it is advisable to take medical attention. Do not induce vomiting unless directed by medical personnel. Do not give anything by mouth to an unconscious person.

Self-protection for first aider: When administering the first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Suitable extinguishing media: Water Spray (fog), dry chemical, foam, or carbon dioxide, sand to extinguish flames.

Unsuitable extinguishing media: Water stream may splash burning liquid and spread fire.

5.2 Special hazard arising from the substances or mixture: Hazardous combustion product may include a complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, unidentified inorganic and organic compounds.

5.3 Advice to firefighters: Proper protective equipment include chemical resistant gloves to be worn, chemical resistant suit is recommended when large contact with spill product is expected. Self-contained breathing apparatus (SCBA) must be worn when approaching a fire in confined area. Select the fire fighters clothing approved by relevant standard

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch and walk through spill area. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

6.2 Emergency procedures

Isolate the spill / leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft.) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks / flames in close vicinity). Keep unauthorized persons away and ventilate closed space before entering.

6.3 Environmental procedures:

Use appropriate measures for containment of spilled material to the environment. Prevent from entering/ spreading to drain, water, river, ditches by using sand, earth, floor dryers or other appropriate barriers.

6.4 Methods and materials for containment and cleaning up

Shovel into suitable properly marked container for disposal or reclamation in accordance with local regulations.

6.5 Reference to other sections

Refer to section 8 – exposure control / personal protection and section13- disposal considerations

SECTION 7: HANDLING AND STORAGE

Storage: Store the product in well-ventilated area. Keep containers vertical with the lid facing upwards. Do not keep containers horizontal. This product has a natural tendency to bleed oil if not stored properly.

7.1 General Precautions

Store in well-ventilated area, if risk of vapor inhalation. Use the information in this data sheet as input for risk management arising due to local conditions which help to manage safe handling of this product.

7.2 Precautions for safe handling

Avoid prolonged and repeated contact with skin. Avoid inhaling the vapors/mist. When handling the drums, kegs, pails etc., proper safety shoes, and other protective clothes, safety glasses etc. should be worn. Dispose appropriately any contaminated rags/material as per prevailing local allowable practices. Keep containers in closely tight and, cool and well ventilated areas.

7.3 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in well-ventilated covered areas. Avoid contact with rain or other water sources. Keep the storage place cool preferably <120 °F / <50 °C. Higher temperature may create pressure buildup inside container and chances of container bursting or leakage may occur under extreme conditions. Keep away from other oxidizing and incompatible materials.

7.4 Specific End Use (s):

This material should not be used for any other purpose than the intended use as per section 1 without expert advice.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Material	Source	Туре	ppm mg/m3 Notation
White mineral oil	ACGIH	TWA	5.0 mg/m ³
		STEL	10.0 mg/m ³
	OSHA	TWA	5.0 mg/m ³

Additional information:

Biological exposure index (BEI):

No biological limit allocated

PNEC related information:

Data not available

Monitoring methods:

Monitoring of the concentration of substances in the breathing zone of workers or in general workplace may be required to confirm the compliance with local governing authority.

8.2 Engineering measures/controls

Adequate ventilation systems may be needed to control concentrations of airborne contaminants above permissible threshold applicable limits.

8.3 Personal protective equipment pictograms



Respiratory: In case of insufficient ventilation, use suitable respiratory equipment

Eye/Face: Wear safety goggles

Skin/Body: Wear safety shoes and protective gloves

8.4 Environmental Exposure controls

Minimize release to the environment. Follow best practices for site management and disposal of waste as per local regulations

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Colorless
Odor	Slight hydrocarbon
Odor threshold	Data not available
Boiling point	No data available
рН	Not applicable
Specific gravity (15°C)	0.85 - 0.87
Flash point, COC, ⁰ C	177 - 256
Upper/lower flammability limits	No data available
Auto-ignition temperature, °C	325 - 454
VOC, % wt.	Nil
Vapor pressure	< 0.1 kPa (< 1 mm Hg) at 40°C
Viscosity @ 40°C, cSt	10 - 100
Pour Point, °C	-1015

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity :	No reactivity is expected under normal conditions of intended use. However, under high temperature or adverse operating conditions thermal / chemical decomposition of the product may be possible		
	No hazardous reaction is expected under normal conditions		
10.2 Chemical Stability	y : of temperature and pressure		
10.3 Possibility of hazardous	Hazardous polymerization is not expected. Reacts with		
reactions	strong oxidizing agents.		
10.4 Conditions to avoid	Extreme temperature and direct sunlight / heat /flame		
10.5 incompatible materials Strong oxidizing agents			
10.6 hazardous decomposition	azardous decomposition Hazardous decomposition is not expected to form under		
<u>products</u>	normal conditions of storage		

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Basis of assessment	Information given hereby is based on the components and the toxicology of similar products and the data indicated here are representative of the product as whole rather than for individual components	
Acute oral toxicity	Expected to be low toxicity ; LC/LD 50 > 5000 mg/kg	
Acute dermal toxicity	Expected to be low toxicity ; LC/LD 50 > 2000 mg/kg	
Acute inhalation toxicity	Unlikely to be harmful ; >5mg/L (as mist)	
Skin corrosion / irritation	Expected to be slightly irritating. Prolonged/repeated contact with skin without adequate cleaning may clog the pores of the skin , may result disorder such as oil acne/folliculitis	
Serious eye damage /irritation	Expected to be slightly irritating	
Respiratory /skin sensitization	Not determined	
Aspiration hazard	Not expected to be aspiration hazard	
Germ cell mutagenicity	Not expected a mutagenic hazard	
Carcinogenicity	Not considered to be carcinogenic as it contain severely refined which are reported to be non-carcinogenic in lab animal studies. The class of oils used in making this product are not classified as carcinogenic by IARC	

SECTION 12: ECOLOGICAL INFORMATION

Basis of assessment	Eco-toxicological data has not been determined specifically on this product. The information given herewith is based on the information given on eco-toxicity of components and/or on similar products. the information given here are representative of the product as whole and not as individual components
12.1 Toxicity	Sparingly soluble mixture in aqueous media. Not toxic to fish but may coat gill structure and cause suffocation if spilled. This product may cause gastrointestinal distress in birds and mammals through ingestion.
12.2 Persistence and degradability	The hydrocarbons in this material are not readily biodegradable, but since they can be degraded by microorganisms, they are regarded as inherently biodegradable.
12.3 Bioaccumulative potential	Log Kow values measured for the hydrocarbon components of this material are greater than 5.3, and therefore regarded as having the potential to bioaccumulate. In practice, metabolic processes may reduce bioconcentration.
12.4 Mobility in soil	Volatilization to air is not expected to be a significant fate process due to the low vapor pressure of this material. In water, base oils will float and spread over the surface at a rate dependent upon viscosity. There will be significant removal of hydrocarbons from the water by sediment adsorption. In soil and sediment, hydrocarbon components will show low mobility with adsorption to sediments being the predominant physical process. The main fate process is expected to be slow biodegradation of the hydrocarbon
Page 6	

12.5 other adverse effects

None anticipated

SECTION 13: DISPOSAL CONSIDEREATIONS

Disposal: Take expert advice of local regulatory agency for disposing this product.

13.1 Waste treatment methods

Product disposal	Try to minimize the product waste by using best applicable practices. It is the responsibility of the waste generator to evaluate the waste classification and appropriate disposal methodology in accordance with the applicable regulation. Do not dispose in to environment, in drain or in river / ponds / water reservoirs.
	To be disposed in accordance with local prevailing and
Container disposal	allowable regulations.

SECTION 14: TRANSPORT INFORMATION

	Bulk shipping	Non-bulk shippir	ng Identification #	Hazardous class
US DOT	Not required	Not required	Not required	Not required
Canadian TDG	Not required	Not required	Not required	Not required
European	Not required	Not required	Not required	Not required
ADR, IMDG, IATA-DGR	Not classified as hazardous product for land, sea and air transport			

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard: This material is not considered hazardous in accordance with OSHA HAzCom 2012, 29 CFR 1910.1200.

US Inventory list: All components are listed or exempted (TSCA 8b) SARA (302/304): No products were found SARA (311/312): SARA (313) Toxic Release Inventory: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program

California Prop 65: No products found WHMIS: This product is not a controlled product. Canadian NPRI: none of the components are listed CEPA toxic substance: none of the components are listed Europe (EINECS/ELINCS/NLP) : All components are listed or exempted from EU listing requirements Australia Inventory (AICS) : All components are listed or exempted China Inventory (IECSC) : All components are listed or exempted Japan Inventory : All components are listed or exempted Korea Inventory : All components are listed or exempted Malaysia Inventory (EHS Register) : Not determined New Zealand inventory of Chemicals (NZIoC) : All components are listed or exempted Philippines Inventory (PICCS) : All components are listed or exempted

SECTION 16: OTHER INFORMATION

	NFPA 704	NPCA-HMIS	KEY
Health	0	0	0 = Minimal
Fire	1	1	1 = slight
Reactivity	0	0	2 = Moderate
Specific	None	N/A	3 = Serious

Revision Date: March, 2015 Supersedes: Any previous MSDS Prepared by: Technical Services

The information and recommendations contained within this document are to the best of Atco International knowledge accurate and reliable as of the date of issue. The information given is representative of the product as a whole rather than for individual components and is provided for the user's consideration and examination. No warranty of fitness, warranty of merchantability or any other warranty, expressed or implied, is made concerning the information provided. The information is specifically for the product designated in Section 1 of this document and may not be valid where such product is used in combination with any other material or used in a process not recommended. Further, since the use of this product and the information referred to is beyond the control of Atco International expressly disclaims any and all liability to any results obtained from the use of this product or the reliance on information provided within this document.

END OF SAFETY DATA SHEET

Safety Data Sheet Pure and Simple

SECTION I - IDENTIFICATION

PRODUCT NAME: Pure and Simple PRODUCT CODE: 5524 PRODUCT USE: Food Grade Lubricant COMPANY NAME: ATCO International COMPANY PHONE: 1-800-723-2826

COMPANY ADDRESS: 1401 Barclay Circle, S.E. Marietta, GA 30060 EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1

Liquefied Gas

HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol Contains gas under pressure: May explode if heated. This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and 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. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT

White Mineral Oil Propane/n-Butane CAS NUMBER 8042-47-5 68476-86-8

PERCENT 60-100% 10-30%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists. **INGESTION**: If swallowed: Rinse mouth. Do NOT induce vomiting. Seek medical attention if you feel unwell.

INHALATION: Move to fresh air. If breathing difficulty persists, seek medical attention.

SKIN: Immediately wash with soap and warm water for 15 minutes.

ACUTE HEALTH HAZARDS: Eye: may cause tearing and redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

CHRONIC HEALTH HAZARDS: None Known

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO2).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

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: None Known

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

PAGE 1 of 4

Safety Data Sheet

Pure and Simple

SPILL: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII - HANDLING AND STORAGE

HANDLING AND STORAGE: Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

OTHER PRECAUTIONS: None

INCOMPATIBILITY: Strong oxidizing agents.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
White Mineral Oil	5 mg/m3	5 mg/m3
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.

RESPIRATORY PROTECTION: Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Aerosol Spray **ODOR:** Mild to No Odor **ODOR THRESHOLD: N/D BOILING POINT:** > 390°F FREEZING POINT: N/D FLAMMABILITY: Extremely Flammable Aerosol FLASH POINT: Above 320° F AUTOIGNITION TEMPERATURE: N/D LOWER FLAMMABILITY LIMIT: N/D UPPER FLAMMABILITY LIMIT: N/D **VAPOR PRESSURE (mm Hg):** <1.0 @ 77°F (25°C) VAPOR DENSITY (AIR=1): > 2 **EVAPORATION RATE:** <1 **SPECIFIC GRAVITY (H2O=1):** 0.85@ 77° F (25° C) **pH:** N/A SOLIDS (%): N/D **SOLUBILITY IN WATER: 45%** PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): N/D **VOLATILITY INCLUDING WATER (%): 23% VOLATILE ORGANIC COMPOUNDS (VOC): 23% DIELECTRIC STRENGTH (Volts): N/A DECOMPOSITION TEMPERATURE: N/D** VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

Safety Data Sheet

Pure and Simple

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon, various hydrocarbons POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Propane/n-Butane (68476-86-8) LC50 (Inhalation, Rat, 4hr) 685 mg/m³
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes mild irritation.
INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting. harmful if swallowed.
INHALATION: May cause irritation to the respiratory tract.
SKIN: May cause irritation, localized defatting. Redness and itching or burning sensation may indicate excessive exposure.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Eye: may cause tearing and redness
Oral: Aspiration risk
Skin: Prolonged or repeated contact may dry skin
CHRONIC HEALTH HAZARDS: None Known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Established BIODEGRADABILITY: This product is biodegradable. BIOACCUMULATION: This product is not expected to bioaccumulate. SOIL MOBILITY: This product is mobile in soil. OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.HAZARD CLASS/DIVISION: 2.1UN/NA NUMBER:UN 1950PACKAGING GROUP:N/A

AIR SHIPMENT PROPER SHIPPING NAME: Aerosols, Ltd. Qty. HAZARD CLASS/DIVISION: 2.1 UN/NA NUMBER: UN 1950

SHIPPING BY WATER: VESSEL (IMO/IMDG) PROPER SHIPPING NAME: Aerosols, Ltd. Qty. HAZARD CLASS/DIVISION: 2.1 UN/NA NUMBER: UN 1950 ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

Safety Data Sheet

Pure and Simple

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None SARA 311/312 HAZARD CATEGORIES: None SARA 313 REPORTABLE INGREDIENTS: None **CLEAN WATER ACT:** None STATE REGULATIONS: California Proposition 65: None INTERNATIONAL REGULATIONS: All components are listed or exempted. NFPA HEALTH: HMIS HEALTH: 1 1 **NFPA FLAMMABILITY: 3** HMIS FLAMMABILITY: 3 **NFPA REACTIVITY:** 0 **HMIS REACTIVITY:** 0 **NFPA OTHER:** N/A **HMIS PROTECTION:** A

SECTION XVI - ADDTIONAL INFORMATION

PREPARATION BY: Technical Services DATE PREPARED: 05/22/2015 REVISION DATE: 05/22/2015

N/A = Not Applicable; N/D = Not Determined

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