

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier** **Innos Sprayfedt Fødevarer godkendt**
 Product Code 595A
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
 Intended use See Technical Data Sheet.
- 1.3. Details of the supplier of the safety data sheet**
Manufacturer Innos Tools AS
 Essen 10, DK-6000 Kolding, Denmark
- Telephone No.** +45 28 800 600

SECTION 2 HAZARDS IDENTIFICATION

- 2.1. Hazcom 2012/GHS Classification:**
 Flammable Aerosol Category 1
 Gas Under Pressure: Compressed Gas
 Aspiration Toxicity Category 1

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

2.2. Label elements



HMIS	Health:	2	NFPA	Health:	2
	Fire:	2		Fire:	2
	Physical	0		Reactivity:	0
	Hazards:			Special Hazards:	--
	PPE:	C			

2.3 DANGER!

Extremely Flammable Aerosol.
 Contains gas under pressure; may explode if heated.
 May be fatal if swallowed and enters airways.

Prevention

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.

Response

IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.

Storage

Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

Disposal

Dispose of contents and container in accordance with local and national regulations.

SECTION 3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredient/Chemical Designations	Weight %	US Hazcom 2012/GHS Classification
PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN CAS Number: 0064742-54-7	<100	Not Classified
Titanium dioxide CAS Number: 0013463-67-7	<10	Not Classified
Hydroxyl Containing Saturated Fatty Acids CAS Number: Proprietary or N/A	<3	Not Classified

Note: The exact percentages are a trade secret.

SECTION 4	FIRST AID MEASURES
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4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation

If inhaled, remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. If unconscious, place in the recovery position and seek medical attention immediately.

Skin

In case of contact, immediately rinse skin with plenty of water. Remove contaminated clothing and shoes. If skin irritation occurs, seek medical attention. Launder contaminated clothing before reuse.

Eye

In case of contact immediately rinse eyes with plenty of fresh, clean water for at least 15 minutes. Remove contact lenses if present and continue rinsing. Seek medical attention immediately.

Ingestion

Do not induce vomiting. Call a physician or emergency medical facility immediately.

4.2. Most important symptoms and effects, both acute and delayed

Harmful or fatal is swallowed. If swallowed, may be aspirated and cause lung damage. May cause eye and respiratory irritation. Inhalation may cause coughing, headache and dizziness. Skin contact may cause drying of the skin.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate medical attention is needed for ingestion.

SECTION 5**FIRE-FIGHT MEASURES****5.1. Extinguishing media**

Use water fog, carbon dioxide (CO₂), dry chemical, or foam to extinguish flames. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.

5.2. Special hazards arising from the substance or mixture

Extremely Flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. A vapor and air mixture can create an explosion hazard in confined spaces. Combustion will produce oxides of carbon, nitrogen and sulfur and hydrocarbons.

5.3. Advice for fire-fighters

Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting containers.

SECTION 6**ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area.

6.2. Environmental precautions

Prevent entry into sewers and waterways. Report spills as required to appropriate authorities in accordance with applicable regulations.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or water courses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

Dispose of in accordance with all federal, state, and local environmental regulations.

SECTION 7**HANDLING AND STORAGE****7.1. Precautions for safe handling****Handling**

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing vapor. Use with adequate ventilation.

In Storage

Store in a dry location at room temperature.

Keep this container and vapors from the container away from heat and flame. Keep container closed and maintain all original markings and labels.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from strong oxidizing and reducing agents.

CAUTION!!! Do not use cutting or welding torches on drums, even when empty. Do not reuse container.

Containers, even those that have been emptied will retain product residues and vapors. Always obey hazard warnings and empty containers as if they were full.

7.3. Specific end use(s)

There are no exposure scenarios, see details in section 1.

SECTION 8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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8.1. Control parameters

The following occupational exposure limits have been established.

CAS Number	Ingredient	Source	Value
0013463-67-7	Titanium dioxide	OSHA	TWA 15mg/m ³
		ACGIH	TWA 10 mg/m ³
		NIOSH	No Established Limit
0064742-54-7	Petroleum Distillates, Hydrotreated heavy paraffin	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary or N/A	Hydroxyl Containing Saturated Fatty Acids	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Carcinogen Data

CAS Number	Ingredient	Source	Value
0013463-67-7	Titanium dioxide	OSHA	Select Carcinogen : No
		IARC	Group 1: No; Group 2A: No; Group 2B: Yes; Group 3: Yes; Group 4 : No;
0064742-54-7	Petroleum Distillates, Hydrotreated heavy paraffin	OSHA	Select Carcinogen : No
		IARC	Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4 : No;
Proprietary or N/A	Hydroxyl Containing Saturated Fatty Acids	OSHA	Select Carcinogen : No
		IARC	Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4 : No;

DMEL/PNEC values

No Data Available

8.2 The Following Controls are Recommended for Normal Consumer Use of this Product

Appropriate Engineering Controls:

Use in a well-ventilated area.

Personal Protection:

Eye Protection:

Avoid eye contact. Always spray away from your face.

Skin Protection:

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Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

Respiratory Protection:

None needed for normal use with adequate ventilation.

8.3 For Bulk Processing or Workplace Use the Following Controls are Recommended

Appropriate Engineering Controls:

Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

Personal Protection:

Eye Protection:

Safety goggles recommended where eye contact is possible.

Skin Protection:

Wear chemical resistant gloves.

Respiratory Protection:

None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Work/Hygiene Practices:

Wash with soap and water after handling.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

The data listed above are typical physical and chemical properties that do not constitute product specification.

Appearance	White Grease
Odor	Petroleum Odor
Odor threshold	Not Determined
pH	Not Measured
Melting point / freezing point (C)	Not Determined
Initial boiling point and boiling range (C)	>300
Flash point (C)	>200
Evaporation rate (H ₂ O =1)	Not Determined
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	
Lower Explosive Limit:	Not Determined
Upper Explosive Limit:	Not Determined
Vapor pressure (Pa)	Not Determined
Vapor density	Heavier than air
Relative density	0.9051
Solubility(ies)	Negligible
Partition coefficient n-octanol/water (Log Kow)	Not Determined

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Auto-ignition temperature (C)	Not Determined
Decomposition temperature	Not Determined
Viscosity (cSt)	
@100C	Not Measured
@ 40C	Not Measured
Pour point temperature (C)	Not Determined
Volatile Organic Compounds	Nil
SADT	Not Determined

The data listed above are typical physical and chemical properties that do not constitute product specification.

9.2. Other information

DMSO extract by IP346: Less than 3.0 wt% (mineral oil component only)

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive under normal conditions

10.2. Chemical stability

Material is normally stable at ambient temperature and pressure.

10.3. Possibility of hazardous reactions

May react with strong oxidizers generating heat.

10.4. Conditions to avoid

Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.

10.5. Incompatible materials

Keep away from strong acids, alkalis, and oxidizers.

10.6. Hazardous decomposition products

Hazardous Decomposition Products; May form CO and CO₂.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Symptoms of Overexposure:

Inhalation:

Mist or vapor can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

Skin Contact:

May cause skin irritation with short-term exposure with redness, itching and burning of the skin. Prolonged and/or repeated contact may produce defatting and dermatitis.

Eye Contact:

Contact may be irritating to eyes. May cause redness, stinging, swelling and tearing.

Ingestion:

This product has low oral toxicity. If swallowed, this material may cause irritation of the mouth, throat and esophagus. Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea, dizziness, drowsiness and other central nervous system effects. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death.

Chronic Effects:

None expected.

Carcinogen Status:

None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.

Reproductive Toxicity:

None of the components is considered a reproductive hazard.

Numerical Measures of Toxicity:

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard.

SECTION 12	ECOLOGICAL INFORMATION
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12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Petroleum Distillates, Hydrotreated heavy paraffin (0064742-54-7)	Not Available	Not Available	Not Available
Titanium dioxide – (0013463-67-7)	1,000.00 Fundulus heterociltus	5.50, Daphnia magna	5.83 (72hr), Pseudokirchneriella subcapitata
Hydroxyl Containing Saturated Fatty Acids - (Proprietary or N/A)	Not Available	Not Available	Not Available

12.2 Persistence and Degradability:

No data available.

12.3 Bioaccumulative Potential:

Bioaccumulation is not expected based on an assessment of the ingredients.

12.4 Mobility in Soil:

No data available

12.5 Other Adverse Effects:

None known

SECTION 13	DISPOSAL CONSIDERATIONS
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13.1. Waste treatment methods

If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste (D001). However, it is the responsibility of the generator to determine at the time of disposal the proper classification and

method of disposal. Do not puncture or incinerate containers, even empty. Dispose in accordance with federal, state, and local regulations.

SECTION 14**TRANSPORT INFORMATION****14.1 DOT Surface Shipping Description:**

UN1950, Aerosols, 2.1 Ltd. Qty

(Note: Shipping Papers are not required for Limited Quantities unless transported by air or vessel – each package must be marked with the Limited Quantity Mark)

14.2 IMDG Shipping Description:

Un1950, Aerosols, 2.1, LTD QTY

14.3 ICAO Shipping Description:

UN1950, Aerosols, flammable, 2.1

(NOTE: We do not test aerosol cans to assure that they meet the pressure and other requirements for transport by air. We do not recommend that our aerosol products be transported by air.)

SECTION 15**REGULATORY INFORMATION****National Legislation****15.1 U.S. Federal Regulations:****CERCLA 103 Reportable Quantity:**

This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:**Hazard Category For Section 311/312:**

Acute Health, Fire Hazard, Sudden Release of Pressure

Section 313 Toxic Chemicals:

This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ):

None

EPA Toxic Substances Control Act (TSCA) Status:

All of the components of this product are listed on the TSCA inventory.

VOC Regulations:

This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

15.2 California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

This product does not contain chemicals regulated under California Proposition 65.

15.3 Canadian Environmental Protection Act:

One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification.

15.4 Canadian WHMIS Classification:

Class A (Compressed Gas), Class B-5 (Flammable Aerosol), Class D-2-B (Toxic material causing other chronic effects)

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This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

SECTION 16

OTHER INFORMATION

This information has been compiled from sources considered to be dependable and is accurate to the best of Te Fong Enterprise Co., Ltd. knowledge. Te Fong Enterprise Co., Ltd. makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY OR FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. Te Fong Enterprise Co., Ltd. assumes no responsibility for injury to recipient or third persons, or for any damage to any property and recipient assumes all such risks.

This is the first revision of this SDS format, changes from previous revision not applicable.

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