

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

- 1.1. Product identifier** **Innos Multiolie**
Product Code 610A
- 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. Classification of the substance or mixture**

Hazard class	Hazard category	Hazard statement
Skin Sens.	1	H317 May cause an allergic skin reaction
Asp. Tox.	1	H304 May be fatal if swallows and enters airways
Aerosol	1	H222 Extremely flammable aerosol
Aerosol	1	H229 Pressurized container. May burst if heated

2.2. Label elements**2.3 Other hazards**

The mixture does not contain any vPvB substance or is not included XIII of the regulation 9(EC)1907/2006.
 The mixture does not contain any PBT substance or is not included under XIII of the regulation (EC) 1907/2006.
 When using: development of explosive vapor/air mixture possible.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substance**

n.a.

3.2 Mixture

Ingredient	Registration number (REACH)	Index	EINECS, ELINCS, NLP	CAS	Content %	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) 1272/2008(CLP)
Naphtha (petroleum). Hydrotreated heavy	--	649-657-00-6	265-150-3	CAS 64742-48-9	40-60	Harmful, Xn, R65 R66	Asp. Tox. 1, H304
Brnzene, C9-	--	--	307-593-8	CAS	1-10	Sensitizing, R43	Skin Sens. 1

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13-alkyl dervis., distn, residues, sulfonated, calcium salts				97675-24-6			H317
Carbon dioxide	--	--	240-696-9	CAS 124-38-9	1-5	--	--

Note: The exact percentages are a trade secret.

SECTION 4 FIRST AID MEASURES

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur: Irritation of the respiratory tract. Coughing. Headaches. Dizziness. Effects/damages the central nervous system. Dermatitis (skin inflammation). Product removes fat. Skin resorption.

In certain cases, the symptoms of poisoning may only appear after an extended periods/after several hours.

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

Immediate medical attention is needed for ingestion.

Symptomatic treatment.

SECTION 5 FIRE-FIGHT MEASURES

5.1. Extinguishing media

Adapt to the nature and extent of fire.

Water jet spray/foam/CO2/dry extinguisher

Cool container at risk with water.

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)

No information available at present.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

The following occupational exposure limits have been established.

Chemical Name	Content %	WEL-TWA	WEL-STEI	BMGV	Other information
Naphtha (petroleum), hydrotreated heavy	40-60	1200 mg/m ³	-- (442mg/m ³)(EU)	--	--
Carbon dioxide	1-5	5000ppm (915mg/m ³) (WEL)5000 ppm (9000 mg/m ³) (EU)	15000 ppm (27400 mg/m ³)	--	--
Oil mist, mineral	--	(50 mg/l/m ³)	(10 mg/m ³)(ACGIH)	--	--
Base oil - unspecified	--	300mg/m ³) (AGW)	2(II) (AGW)	--	--

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:

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:

Normally not necessary.

At high concentration : Filer a P 3 (EN14387), code color brown, white.

Thermal hazards:

If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Work/Hygiene Practices:

Wash with soap and water after handling.

Environmental exposure controls

No information available at present.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Aerosol, Substance : Liquid colorless color
Odor	Faint aromatic
Odor threshold	Not Established
pH	Not Applicable
Melting point / freezing point (C)	Not Established
Initial boiling point and boiling range (C)	124
Flash point (C)	200
Evaporation rate (H ₂ O =1)	<1
Vapor Pressure @70°F	90 psi
Vapor Density (Air=1)	>1
Flammability (solid, gas)	Flammable Aerosol
Upper/lower flammability or explosive limits	
Lower Explosive Limit:	1.0 %
Upper Explosive Limit:	Not Available
Density	0.81 g/ml
Bulk Density	Not Determined
Solubility(ies)	Not Established
Water solubility	Negligible
Partition coefficient (n-octanol/water)	Not Determined
Auto-ignition temperature (C)	Not Determined
Decomposition temperature	Not Established
Explosive properties	Not determined
Oxidizing properties	No

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

9.2 Other Information

Miscibility	Not Determined
Fat solubility / solvent	Not Determined
Conductivity	Not Determined
Surface tension	Not Determined
Solvent content	Not Determined

SECTION 10

STABILITY AND REACTIVITY

10.1. Reactivity

The product has not been tested.

10.2. Chemical stability

Stable with proper storage and handling.

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 oxidizing and reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition will generate carbon monoxide, carbon dioxide, hydrogen fluoride.

SECTION 11	TOXICOLOGICAL INFORMATION
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Possibly more information on health effects, see Section 2.1.

610A Thin Film Rust Preventive						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route						n.d.a.
Acute toxicity, by inhalation						n.d.a.
Acute toxicity, by inhalation						n.d.a.
Skin corrosion/irritation						n.d.a.
Serious eye damage/irritation						n.d.a.
Respiratory or skin sensitization						n.d.a.
Germ cell mutagenicity						n.d.a.
Carcinogenicity						
Reproductive toxicity						n.d.a.
Specific target organ toxicity single exposure (STOT-SE)						n.d.a.
Specific target organ toxicity – repeated exposure (STOT-RE)						n.d.a.
Aspiration hazard						n.d.a.
Respiratory tract irritation						n.d.a.
Repeated dose toxicity						n.d.a.
Symptoms						n.d.a.
Other information						Classification according to calculation procedure

SECTION 12 ECOLOGICAL INFORMATION**610A thin Film Rust Preventive**

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish							n.d.a.
Toxicity to daphnia							n.d.a.
Toxicity to algae							n.d.a.
Persistence and degradability							Isolate as much as possible with an oil separator
Bioaccumulative Potential							n.d.a.
Mobility in soil							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects							n.d.a.
Other information							According to the recipe, contains no AOX

SECTION 13 DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods****For the substance / mixture / residual amounts**

EC disposal code no. :

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

16 05 04 gases in pressure containers (including halons) containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

Implement substance recycling.

E.g. suitable incineration plant.

Approved rubbish dump for special refuse

For contaminated packing material

Pay attention to local and national official regulations

If applicable

Return to manufacturer with residual pressure.

Do not perforate, cut up or weld uncleaned container.

15 01 04 metallic packaging.

SECTION 14 TRANSPORT INFORMATION**14.1 General statements:**

UN Number : 1950

Transport by road/by rail (ADR/RID)

UN proper shipping name	
UN 1950 AEROSOLS	
Transport hazard class(es)	2.1

Packing group	-
Classification code	5F
LQ (ADR 2013)	1L
LQ (ADR 2009)	2
Environmental hazards	Not applicable
Tunnel restriction code	D

Transport by sea (IMDG-code)

UN proper shipping name	
AEROSOLS	
Transport hazard class(es)	2.1
Packing group	-
EmS	F-D, S-U
Marine Pollutant	n.a.
Environmental hazards	Not applicable

Transport by air (IATA)

UN proper shipping name	
AEROSOLS, flammable	
Transport hazard class(es)	2.1
Packing group	-
Environmental hazards	Not applicable

14.2 Special precautions for user

Persons employed in transporting dangerous foods must be trained.
All persons involved in transporting must observe regulations.
Precautions must be taken to prevent damage.

14.3 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Freighted as packaged foods rather than in bulk, therefore not applicable.
Minimum amount regulations have not been taken into account
Danger code and packing code on request.
Comply with special provisions.

SECTION 15**REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

For classification and labeling see Section 2
Observe restrictions
Comply with trade association/occupational health regulations
Observe youth employment law (German regulation).
Directive 2010/75/EU (VOC) : 493.4 g/l
Directive 2010/75/EU (VOC) : ~56%

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16**OTHER INFORMATION**

These details refer to the product as it is delivered

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP)

Classification accordance with regulation (EC)No. 172/2008 (CLP)	Evaluation method used
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Skin Sens. 1 , H317	Classification according to calculation procedure
Asp. Tox. 1, H304	Classification according to calculation procedure
Aerosol 1 , H222	Classification based on test data
Aerosol 3, H229	Classification based on test data

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