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SECTION 1: Identification of the substance/mixture and of the company/undertaking

· ***1.1 Product identifier***

· ***Trade name:*** **ATOO +**

· ***1.2 Relevant identified uses of the substance or mixture and uses advised against***
Relevant identified uses :
Adjuvant.
For professional use only.
Uses advised against : none known.

· ***Application of the substance / the mixture*** : Preparation

· ***1.3 Details of the supplier of the safety data sheet***

· ***Manufacturer/Supplier:***
ACTION PIN
ZI de Cazalieu
CS 60030
40260 CASTETS
FRANCE
tel: 33-(0)-558550700
fax: 33-(0)-558550707
fds@action-pin.fr

· ***Further information obtainable from:*** Commercial

· ***1.4 Emergency telephone number:*** Number ORFILA (INRS) : + 33 (0)1 45 42 59 59

SECTION 2: Hazards identification

· ***2.1 Classification of the substance or mixture***

· ***Classification according to Regulation (EC) No 1272/2008***



Eye Irrit. 2 H319 Causes serious eye irritation.

· ***2.2 Label elements***

· ***Labelling according to Regulation (EC) No 1272/2008***
The product is classified and labelled according to the CLP regulation.

· ***Hazard pictograms***



GHS07

· ***Signal word*** Warning

· ***Hazard statements***
H319 Causes serious eye irritation.

· ***Precautionary statements***

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to an approved waste disposal.

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· ***Additional information:***
EUH208 Contains dipentene (CAS nr 138-86-3), terpinolene (CAS nr 586-62-9). May produce an allergic reaction.
EUH401 To avoid risks to human health and the environment, comply with the instructions for use.
· ***Additional informations :*** Do not contaminate water with the product of its container.
· ***2.3 Other hazards***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***Determination of endocrine-disrupting properties*** Not applicable.

SECTION 3: Composition/information on ingredients

· ***3.2 Mixtures***
· ***Description:*** Adjuvant

· ***Dangerous components:***		
Terpene derivative (Art. 24 - CLP)	Skin Irrit. 2, H315; Eye Irrit. 2, H319	50-100%

· ***Additional information:*** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· ***4.1 Description of first aid measures***
· ***General information:*** Do not leave affected persons unattended.
· ***After skin contact:*** If skin irritation continues, consult a doctor.
· ***After eye contact:***
Rinse opened eye for several minutes under running water. Then consult a doctor.
Remove contact lenses.
· ***After swallowing:***
If person is conscious, rinse out mouth with water.
Not give anything to eat or drink. Do not induce vomiting
Seek immediate medical advice.
· ***4.2 Most important symptoms and effects, both acute and delayed*** No further relevant information available.
· ***4.3 Indication of any immediate medical attention and special treatment needed***
No further relevant information available.

SECTION 5: Firefighting measures

· ***5.1 Extinguishing media***
· ***Suitable extinguishing agents:***
Foam
Fire-extinguishing powder
Carbon dioxide (CO_2)
· ***For safety reasons unsuitable extinguishing agents:*** Water with full jet
· ***5.2 Special hazards arising from the substance or mixture*** No further relevant information available.
· ***5.3 Advice for firefighters***
· ***Protective equipment:*** Wear fully protective suit.

SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Particular danger of slipping on leaked/spilled product.
· ***6.2 Environmental precautions:*** Do not dispose in the environment.
· ***6.3 Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Clean the affected area carefully; suitable cleaners are:

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Water
Dispose of the material collected according to regulations.

· ***6.4 Reference to other sections***
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· ***7.1 Precautions for safe handling***
See Section 8 for information for personal protection equipment.
See label and/or technical notice.

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:*** Store only in the original receptacle.
· ***Information about storage in one common storage facility:*** Not required.
· ***Further information about storage conditions:***
· ***Maximum storage temperature:*** < 35°C
· ***Minimum storage temperature:*** > 0°C
· ***7.3 Specific end use(s)*** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· ***8.1 Control parameters***
· ***Ingredients with limit values that require monitoring at the workplace:***
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· ***8.2 Exposure controls***
Wear recommended PPE for the use of the plant protection preparation with which the adjuvant preparation is associated.
· ***Appropriate engineering controls***
Plan for eye water fountains and a good ventilation in the premises when the product is handled in constant and large quantities.
· ***Individual protection measures, such as personal protective equipment***
· ***General protective and hygienic measures:***
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
· ***Hand protection***



Protective gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
· ***Material of gloves***
Recommanded : nitrile gloves certified EN 374-3.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· ***Penetration time of glove material***
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· ***Eye/face protection***



Safety glasses (EN 166:2002) (CE)

· ***Body protection:*** Recommended : Protective coveralls category III and rubber boots certified EN 13832-3.

SECTION 9: Physical and chemical properties

· ***9.1 Information on basic physical and chemical properties***	
· ***General Information***	
· ***Colour:***	Light yellow
· ***Odour:***	Pine
· ***Melting point/freezing point:***	Undetermined.
· ***Flash point:***	86 °C
· ***Auto-ignition temperature:***	Product is not selfigniting.
· ***pH at 20 °C***	6.6 (1%)
· ***Viscosity:***	Not applicable.
· ***Solubility***	
· ***water:***	Emulsifiable.
· ***Partition coefficient n-octanol/water (log value)***	Not applicable.
· ***Vapour pressure:***	Not determined.
· ***Density and/or relative density***	
· ***Density at 20 °C:***	0.95 g/cm³
· ***9.2 Other information***	
· ***Appearance:***	
· ***Form:***	Limpid liquid
· ***Important information on protection of health and environment, and on safety.***	
· ***Explosive properties:***	Product does not present an explosion hazard.
· ***Information with regard to physical hazard classes***	
· ***Explosives***	Void
· ***Flammable gases***	Void
· ***Aerosols***	Void
· ***Oxidising gases***	Void
· ***Gases under pressure***	Void
· ***Flammable liquids***	Void
· ***Flammable solids***	Void
· ***Self-reactive substances and mixtures***	Void
· ***Pyrophoric liquids***	Void
· ***Pyrophoric solids***	Void
· ***Self-heating substances and mixtures***	Void
· ***Substances and mixtures, which emit flammable gases in contact with water***	Void
· ***Oxidising liquids***	Void
· ***Oxidising solids***	Void
· ***Organic peroxides***	Void
· ***Corrosive to metals***	Void
· ***Desensitised explosives***	Void

SECTION 10: Stability and reactivity

· ***10.1 Reactivity*** No further relevant information available.

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· ***10.2 Chemical stability***
· ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
· ***10.3 Possibility of hazardous reactions*** No dangerous reactions known.
· ***10.4 Conditions to avoid*** No further relevant information available.
· ***10.5 Incompatible materials:*** No further relevant information available.
· ***10.6 Hazardous decomposition products:*** None under normal conditions of storage and use.

SECTION 11: Toxicological information

· ***11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008***
· ***Acute toxicity*** Based on available data, the classification criteria are not met.
· ***Skin corrosion/irritation*** No irritating effect (OECD 404).
· ***Serious eye damage/irritation*** Eye irritation / Serious eye damage confirmed by OECD n°405 - B5
· ***Respiratory or skin sensitisation*** No sensitizing effects (OECD 406).
· ***Germ cell mutagenicity*** Based on available data, the classification criteria are not met.
· ***Carcinogenicity*** Based on available data, the classification criteria are not met.
· ***Reproductive toxicity*** Based on available data, the classification criteria are not met.
· ***STOT-single exposure*** Based on available data, the classification criteria are not met.
· ***STOT-repeated exposure*** Based on available data, the classification criteria are not met.
· ***Aspiration hazard*** Based on available data, the classification criteria are not met.
· ***11.2 Information on other hazards***

· ***Endocrine disrupting properties***
None of the ingredients is listed.

SECTION 12: Ecological information

· ***12.1 Toxicity***
· ***Aquatic toxicity:*** BCF < 500
· ***12.2 Persistence and degradability*** The product is readily biodegradable (OECD 301D).
· ***12.3 Bioaccumulative potential*** Solubility : water emulsifiable.
· ***12.4 Mobility in soil*** No further relevant information available.
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***12.6 Endocrine disrupting properties*** For information on endocrine disrupting properties see section 11.
· ***12.7 Other adverse effects*** No further relevant information available.

SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation:***
The re-use of the packaging is prohibited.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
· ***Waste disposal key:***
07 04: wastes from the MFSU of organic plant protection products
15 01 10* : Packaging containing residues of or contaminated by dangerous substances

· ***Uncleaned packaging:***
· ***Recommendation:***
Never re-use empty packs.
Disposal must be made according to official regulations.
· ***Recommended cleansing agents:*** Water.

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SECTION 14: Transport information

· ***14.1 UN number or ID number***	
· ***ADR, ADN, IMDG, IATA***	Void
· ***14.2 UN proper shipping name***	Not applicable.
· ***ADR***	Void
· ***ADN, IMDG, IATA***	Void
· ***14.3 Transport hazard class(es)***	
· ***ADR, ADN, IMDG, IATA***	
· ***Class***	Void
· ***14.4 Packing group***	Not applicable.
· ***ADR, IMDG, IATA***	Void
· ***14.5 Environmental hazards:***	
· ***Marine pollutant:***	No
· ***14.6 Special precautions for user***	Not applicable.
· ***14.7 Maritime transport in bulk according to IMO instruments***	Not applicable.
· ***UN "Model Regulation":***	Void

SECTION 15: Regulatory information

· ***15.2 Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

· ***15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture***
Legislation references :
· ***REACh Regulation (EC) nr 1907/2006 :***
Substances listed in annex XIV (authorisation) and XVII (restriction) : none of the components are listed.
· ***Regulation (EC) n°1107/2009 of 21 October 2009 concerning the placing of plant protection products on the market***
Applicable.
SP 1 : Do not contaminate water with the product or its container.
AMM n°7200313 (France) (665 g/l Terpenic alcohols)

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
15292-A1

· ***Relevant phrases***
H315 Causes skin irritation.
H319 Causes serious eye irritation.

· ***Department issuing technical data sheet:*** Marketing
· ***Date of previous version:*** 11.03.2019
· ***Version number of previous version:*** 4
· ***Abbreviations and acronyms:***
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

· **** Data compared to the previous version altered.***

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2020/878.
Version CLP 1.5