

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 21/03/2024 Revision date: 22/12/2021 Version: 7.00

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

1.1. Product identifier

Product form : Mixture

Product name : Super Concentrated Screen-Wash 21+

Product code : W77395
Type of product : Detergent
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public

Use of the substance/mixture : Prevents freezing of screen-wash system.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

ITW ADDITIVES INTL B.V. Industriepark-West 46 9100 Sint-Niklaas BELGIUM

T +32 3 766 60 20, F +32 3 778 16 56 msds@wynns.eu, www.wynns.com

Distributor

ITW Automotive Aftermarket

Saxon House, 2-4 Victoria Street SL4 1EN Windsor UNITED KINGDOM T +44 (0)24 7647 2634

sales@wynns.uk.com, www.wynns.uk.com

Distributor

Wynn's Automotive France S.A.S.

2 Av. Léonard de Vinci

Z.A. Europarc

33600 PESSAC Cedex

FRANCE

T +33 5 57 26 29 00

contact@wynns.fr, www.wynns.fr

Distributor

Krafft S.L.U.

Carretera de Urnieta, s/n 20140 Andoain - Guipúzcoa

ESPAÑA

T +34 943 410 400, F +34 943 410 440

msds@krafft.es, www.krafft.es

1.4. Emergency telephone number

Emergency number : BIG: +32(0)14 58 45 45 (NL FR EN DE)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226
Acute toxicity (oral), Category 4 H302
Specific target organ toxicity – Repeated exposure, Category 2 H373

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP) : Warning
Contains : Ethanediol

Hazard statements (CLP) : H226 - Flammable liquid and vapour.

H302 - Harmful if swallowed.

H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P210 - Keep away from hot surfaces, open flames, heat, sparks. – No smoking.

P260 - Do not breathe vapours.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel

unwell.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated

clothing. Rinse skin with water/shower.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

Child-resistant fastening : Not applicable Tactile warning : Applicable

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-	25 – 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Ethanediol substance with a Community workplace exposure limit	CAS-No.: 107-21-1 EC-No.: 203-473-3 EC Index-No.: 603-027-00-1 REACH-no: 01-2119456816- 28	10 – 25	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT RE 2, H373

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-	(50 ≤ C < 100) Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Eirst-aid measures general

: Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.

First-aid measures after inhalation

: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : 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/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Alcohol resistant foam. ABC-powder.

Unsuitable extinguishing media : None to our knowledge. If there is a fire close by, use suitable extinguishing agents.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour. Explosion hazard : Product is not explosive.

5.3. Advice for firefighters

Firefighting instructions : Contain the extinguishing fluids by bunding.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection. protective clothing.

Emergency procedures : Mark the danger area. Stop engines and no smoking. No naked flames, sparks, and do not

smoke. Prevent flow to low areas. Take off contaminated clothing.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage. Contain leaking substance, pump over in suitable containers.

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel

into container for disposal. Clean contaminated surfaces with an excess of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Presents no particular risk when handled in accordance with good occupational hygiene

practice. Meet the legal requirements.

Hygiene measures : Use good personal hygiene practices. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Take precautionary measures against static discharge.

Storage conditions : Meet the legal requirements. Protect from sunlight. Store in a well-ventilated place. Keep

 $container\ tightly\ closed.\ Keep\ away\ from\ heat,\ hot\ surfaces,\ sparks,\ open\ flames\ and\ other$

ignition sources. No smoking.

: Keep away from heat.

Storage area : Meet the legal requirements. Protect from heat and direct sunlight. Ventilation along the

floor.

Special rules on packaging : Meet the legal requirements. Store in a closed container.

7.3. Specific end use(s)

Heat and ignition sources

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Ethanol (64-17-5)		
Belgium - Occupational Exposure Limits		
OEL TWA	1907 mg/m³	
	1000 ppm	
Hungary - Occupational Exposure Limits		
AK (OEL TWA)	1900 mg/m³	
CK (OEL STEL)	7600 mg/m³	
Ethanediol (107-21-1)		
EU - Indicative Occupational Exposure Limit (IOEL)		
OEL TWA 52 mg/m³		
	20 ppm	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethanediol (107-21-1)		
IOEL STEL	104 mg/m³	
	40 ppm	
Belgium - Occupational Exposure Limits		
OEL TWA	52 mg/m³	
	20 ppm	
OEL STEL	104 mg/m³	
	40 ppm	
Remark	D, M	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):





8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Hand protection:

Neoprene. Nitrile rubber. PVC (Polyvinyl chloride). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer

8.2.2.3. Respiratory protection

No additional information available

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Breakthrough time: >30'. Thickness of the glove material >0.1 mm.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: LiquidColour: Blue.Appearance: Clear.

Odour characteristic. Odour threshold Not available Melting point : Not available Freezing point : -60 °C : > 75 °C Boiling point Flammability : Not available Lower explosion limit : Not available Upper explosion limit Not available : 23 °C (ASTM D93) Flash point : Not available Auto-ignition temperature Decomposition temperature : Not available рΗ : ≈ 8 (ASTM E70) Viscosity, kinematic : Not available Solubility : Soluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available Density : 0,94 kg/m3 @20°C Relative density : Not available Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Additional information : The physical and chemical data in this section are typical values for this product and are not

intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Flammable liquid and vapour. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. On burning: release of harmful/irritant gases/vapours. Carbon monoxide. Carbon dioxide.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Harmful if swallowed. Acute toxicity (dermal) Not classified Acute toxicity (inhalation) Not classified

Super Concentrated Screen-Wash 21+		
LD50 oral rat	1869,32 mg/kg	
Ethanol (64-17-5)		
LD50 oral rat	> 5000 mg/kg @95%	
LC50 Inhalation - Rat	117 – 125 mg/l/4h Sprague-Dawley	
Ethanediol (107-21-1)		

LD50 oral rat 7712 mg/kg Skin corrosion/irritation : Not classified

pH: ≈ 8 (ASTM E70) Serious eye damage/irritation : Not classified

pH: ≈ 8 (ASTM E70)

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity Not classified Carcinogenicity Not classified : Not classified Reproductive toxicity STOT-single exposure : Not classified

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Ethanediol (107-21-1)	
STOT-repeated exposure	May cause damage to organs (kidneys) through prolonged or repeated exposure (if swallowed).
Aspiration hazard :	Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

: This product contains hazardous components for the aquatic environment. Ecology - general

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Not classified

(chronic)		
Ethanol (64-17-5)		
LC50 - Fish [1]	96h 11200 mg/l Pimephales promelas	
LC50 - Other aquatic organisms [1]	48h 5012 mg/l Ceriodaphnia dubia	
Ethanediol (107-21-1)		
LC50 - Fish [1]	96h 72860 mg/l Pimephales promelas	
EC50 - Crustacea [1]	> 100 mg/l Daphnia magna @48h	
EC50 - Other aquatic organisms [1]	6500 – 13000 mg/l Pseudokirchneriella subcapitata	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.2. Persistence and degradability

Super Concentrated Screen-Wash 21+		
Persistence and degradability The surfactant(s) contained in this preparation complies(comply) with the biodegrad criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support assertion are held at the disposal of the competent authorities of the Member States will be made available to them, at their direct request or at the request of a deterger manufacturer.		
Ethanol (64-17-5)		
Persistence and degradability	biodegradable,Readily biodegradable in water.	
Ethanediol (107-21-1)		
Persistence and degradability	Readily biodegradable.	

12.3. Bioaccumulative potential

Ethanol (64-17-5)	
Partition coefficient n-octanol/water (Log Kow) -0,35	
Bioaccumulative potential Slightly bioaccumulative.	
Ethanediol (107-21-1)	
Bioaccumulative potential Not established.	

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID n	14.1. UN number or ID number				
UN 1987	UN 1993	UN 1993	UN 1993	UN 1993	
14.2. UN proper shippin	14.2. UN proper shipping name				
ALCOHOLS, N.O.S. (ethanol)	FLAMMABLE LIQUID, N.O.S. (ethanol)	Flammable liquid, n.o.s. (ethanol)	FLAMMABLE LIQUID, N.O.S. (ethanol)	FLAMMABLE LIQUID, N.O.S. (ethanol)	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA	ADN	RID		
Transport document descr	ransport document description					
UN 1987 ALCOHOLS, N.O.S. (ethanol), 3, III, (D/E)	UN 1993 FLAMMABLE LIQUID, N.O.S. (ethanol), 3, III	UN 1993 Flammable liquid, n.o.s. (ethanol), 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S. (ethanol), 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S. (ethanol), 3, III		
14.3. Transport hazard	class(es)					
3	3	3	3	3		
3	3	3	3	3		
14.4. Packing group						
III	III	III	III	III		
14.5. Environmental hazards						
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No		
No supplementary information	No supplementary information available					

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1 Special provisions (ADR) : 274, 601 Limited quantities (ADR) : 51 Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Mixed packing provisions (ADR) : MP19 Portable tank and bulk container instructions (ADR) : T4 Portable tank and bulk container special provisions : TP1, TP29

(ADR)

Tank code (ADR) : LGBF : FL Vehicle for tank carriage Transport category (ADR) : 3 Special provisions for carriage - Packages (ADR) : V12 : S2 Special provisions for carriage - Operation (ADR) Hazard identification number (Kemler No.) 30

> **30** 1987

Tunnel restriction code (ADR) : D/E EAC code : •3Y

Transport by sea

Orange plates

: 223, 274, 955 Special provisions (IMDG)

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : LP01, P001 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) : T4 : TP1, TP29 Tank special provisions (IMDG) EmS-No. (Fire) : F-E : S-E EmS-No. (Spillage) Stowage category (IMDG) : A

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Air transport

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) Y344 PCA limited quantity max net quantity (IATA) 10L PCA packing instructions (IATA) 355 PCA max net quantity (IATA) 60L CAO packing instructions (IATA) 366 CAO max net quantity (IATA) 220L Special provisions (IATA) : A3 ERG code (IATA) 3L

Inland waterway transport

: F1 Classification code (ADN) : 274, 601 Special provisions (ADN) Limited quantities (ADN) : 5 L Excepted quantities (ADN) : E1 Carriage permitted (ADN) · T Equipment required (ADN) : PP, EX, A : VE01 Ventilation (ADN) Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : F1
Special provisions (RID) : 274, 601
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T4

Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Detergent Regulation (648/2004)

Labelling of contents	
Component %	
perfumes	

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

France

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : Ethanol is listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : Ethanol is listed SZW-lijst van reprotoxische stoffen – : Ethanol is listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : Ethanol is listed

Denmark

Class for fire hazard : Class II-1 Store unit : 5 liter

Classification remarks : R10 <H226;H302;H373>; Emergency management guidelines for the storage of flammable

liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:		
Flam. Liq. 2	Flammable liquids, Category 2	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H302	Harmful if swallowed.	
H319	Causes serious eye irritation.	
H373	May cause damage to organs through prolonged or repeated exposure.	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.