



KROSS

Empowering Oil



EXEO 5W30 A5/B5-FD

EXEO 5W30 A5/B5-FD este un lubrifiant complet sintetic pe bază de uleiuri de bază de foarte bună calitate, atent selecționate și aditivi de înaltă calitate de ultimă generație, special conceput pentru a îndeplini cerințele stricte ale producătorilor.

Dezvoltat special pentru cerințele specificațiilor Ford WSS-M2C913-C/D. Se caracterizează prin proprietăți de lubrifiere semnificativ îmbunătățite și asigură Economie de combustibil. Acest ulei înlocuiește specificațiile M2C-913-A/B.

NIVELUL DE PERFORMANȚĂ

- ACEA: A1-B1/A5-B5
- API: SL/CF
- API: SN Plus
- FORD: WSS-M2C913-C/D
- BMW: LONGLIFE-01 FE
- RENAULT: RN 0700
- JAGUAR/LAND ROVER: STJLR.03.5003

APLICAȚII

Destinat pentru toate modelele Ford (pe benzină și diesel, inclusiv cele cu filtru de particule) începând cu 2009. De asemenea, este recomandat pentru vehiculele echipate cu motoare 2,2 Duratorq TDCI și este complet compatibil cu toate motoarele diesel Ford actuale, cu excepția modelelor echipate cu injectoare cu pompă.

CARACTERISTICI

Test	Unitate de măsură	Rezultat mediu
Densitate la 15°C	kg/l	0,853
Vâscozitate la 40°C	mm ² /s	53,30
Vâscozitate la 100°C	mm ² /s	9,66
Vâscozitate la -30°C	mPas	4200
Index de vâscozitate		168
Punct de inflamabilitate COC	°C	220
Punct de curgere	°C	-45
TBN	mgKOH/g	10,1
Cenușă sulfatată	%	1,09

AMBALĂRI DISPONIBILE





Ultratec 5W-40

SPECIFICATIONS

Engine:	gasoline, diesel
SAE:	5W-40
API:	SN / CF
ACEA:	C3

APPROVALS AND CONFORMITY

VW 502.00 VW 505.00 VW 505.01 MB 229.31 MB 229.51 MB 229.52 GM Dexos 2 Porsche A40
BMW LL-04 Ford WSS-M2C917-A Fiat 9.55535-S2

CHARACTERISTICS

- Extreme wear protection;
- Excellent viscosity-temperature behaviour;
- Minimum loss through friction, more power for the engine;
- Very high cleaning capability;
- Low volatilization loss;
- High oxidation and temperature stability;
- Maximum shear stability.

EFFECTS

- Reduces fuel consumption and exhaust emission;
- Low sulfur, phosphorus and ash content;
- Formulation for less fuel consumption and Low Ash;
- Excellent cold start behaviour - fast supply of all lubrication points, especially of the hydraulic valve tappet;
- Stable oil pressure;
- Perfect and long lasting engine cleanliness;
- Prevents motor from incrustation;
- High performance reserves and high product stability, even at longest oil change intervals;
- All-year operation.

DISPOSAL

- Wolver Ultratec SAE 5W-40 is assigned to category 2 of used oils and thus is free for disposal.

TYPICALS

Kinematic viscosity at 100 °C	14.2 mm ² /s
Viscosity index	168
Pour point	-37 °C
Viscosity CCS at -30 °C	5500 mPa·s
TBN	6.2 mgKOH/g
Flash point	220 °C
Density at 15.6 °C	845 kg/m ³

DESCRIPTION

Wolver Ultratec SAE 5W-40 is a universal, fuel economy HC-Synthetic multigrade engine oil of the latest generation. The extraordinary characteristics of this high-performance engine oil meets today's requirements and operating conditions. It is optimized for longer oil change intervals.

Wolver Ultratec SAE 5W-40 is a universal, fuel economy HC-Synthetic engine oil of the new "Low SAP" generation. Due to the special composition of this engine oil is perfectly suitable for several new OEM requirements. These properties ensure the use in gasoline and diesel engines with and without turbocharger, as well as with and without exhaust aftertreatment systems (diesel particulate filter ACEA C3) in passenger cars and vans.

Wolver Ultratec SAE 5W-40 – special The "Low Ash" (Low SAP) formulation protects the engine and catalytic system. This engine oil is also suitable for passenger car diesel engines with pump / nozzle injection system (PD).

Utilization

- High-performance car diesel engines;
- with multivalve-technology;
- with turbo charging;
- Direct-injection;
- pump-jet;
- CDI- and TDI motors;
- with CDi-technology;
- with diesel particle systems (DPF);
- with catalyst technology;
- High-performance and normal four-stroke petrol engines;
- with multivalve technology;
- with Valvetronic;
- with intercooling;
- with turbo charging;
- with catalyst technology.

Miscibility

Wolver Ultratec SAE 5W-40 is fully compatible to customary HD oils and can be mixed without any doubts. However, to take full advantage of Wolver Ultratec SAE 5W-40 it is recommendable to use only Wolver Ultratec SAE 5W-40 when refilling.

1L - Can	4083	4260360940835
4L - Can	4081	4260360940811
20L - Pail	4272	4260360942723
208L - Barrel	4273	4260360942730

VEGA SYNT 10W-40

SEMISYNTHETIC HIGH-QUALITY HYDROCRACKING MOTOR OIL.

SPECIFICATIONS:

SAE 10W-40 API SL API CF ACEA A3/B4

DESCRIPTION:

Intended for gasoline and diesel engines of passenger cars and vans (injector, multivalve, turbocharged, including fitted with exhaust fumes catalysts).

Produced according to hydrocracking technology of high-quality base oils with active additives package providing stable performance. Effectively prevents carbon and lacquer formation.

CONFORMITY:

VW 502.00/505.00 MB 229.3 PSA B71 2300 BMW Special

BENEFITS:

- Reliable engine lubrication at any temperatures;
- Easy cold start at sub-zero temperatures;
- Due to the high content of synthetic components, the oil provides improved engine cleanliness;
- No high and low temperature deposits in the engine;
- Low volatility at high operating temperatures;
- A wide range of packaging meets the requirements of any equipment;

TYPICAL CHARACTERISTICS:

Kinematic viscosity at 100°C, mm ² /s	13.7
Density at 20°C, kg/m ³	877
Viscosity index	152
TBN mg KOH/g	9.6
Flash point in open crucible, °C	218
Pour point, °C	-33

Packing	Vendor code	Barcode
Canister plastic 20l	021314	4820070241648
Barrel metal 200l	004786	482007024025
Canister plastic 5l	004871	482007024212
Canister plastic 4l	004487	482007024122
Canister plastic 1l	004489	482007024121

STORAGE CONDITIONS:

Do not mix with solvents, automotive fluids. Protect from direct sunlight and precipitation in a closed container at a temperature not exceeding +60°C. In case of contact with skin or mucous membranes, rinse with water. Keep out of reach of children. Flammable. Do not pour into drains, water bodies or onto the soil. Dispose of in specially designated areas.



Turbo Evolution 10W-40

СПЕЦИФИКАЦИИ

Двигатель:	бензиновый, дизельный
SAE:	10W-40
API:	CI-4 / SL
ACEA:	A3/B4 / E7

ДОПУСКИ И СООТВЕТСТВИЯ

MB-Approval 228.3 Volvo VDS-3 Mack EO-M Plus / EO-N RENAULT VI, RLD-2

MB 229.1 MAN M 3275 Cummins CES 20071/-72/-75/-76/-77/-78 MTU 2 IVECO

Caterpillar ECF-1-a, ECF-2 ALLISON C-4 Voith Retarder Typ A

СВОЙСТВА

- Full Saps технология;
- Низкая испаряемость и высокая стабильность;
- Исключительные вязкостно-температурные показатели;
- Препятствует образованию осадков и нагара в моторах и в масляном поддоне;
- Оптимальная защита от коррозии, окисления, износа и пенообразования;
- Повышенная устойчивость к нагрузкам;
- Превосходная износоустойчивость.

ЭФФЕКТЫ

- Соответствует требованиям экологических стандартов ЕВРО 3/4/5;
- Всесезонное применение;
- Отличные показатели при запуске двигателя в холодном состоянии;
- Способствует снижению потребления горючего;
- Высокие показатели и стабильность даже при больших интервалах смены масла;
- Препятствует отложению нагара;
- Защита от образования зеркальных поверхностей;
- Минимальный износ при высоких нагрузках на приводные части;
- Универсальность, что снижает количество сортов потребляемого масла для смешанных автопарков.

УТИЛИЗАЦИЯ

- Отработанное масло Wolver Turbo Evolution SAE 10W-40 относится к отходам 2-ой категории и подлежит утилизации в специально отведенных местах.

ТИПИЧНЫЕ ХАРАКТЕРИСТИКИ

Кинематическая вязкость при 100 °C, mm ² /s	14.9
Индекс вязкости, -	165
Температура застывания, °C	-34
Вязкость CCS при -25 °C, mPa·s	6400
Щелочное число, mgKOH/g	10.5
Температура вспышки, °C	228
Плотность при 15,6 °C, kg/m ³	863

ОПИСАНИЕ

Wolver Turbo Evolution 10W-40 высокоэффективное полусинтетическое моторное масло нового уровня для современного автотранспорта и стационарных двигателей, являющегося продуктом эволюции масла класса API CI-4 (в редакции 2002 г.) к более высоким требованиям стандарта ACEA E7 (в редакции 2016 г.)

Wolver Turbo Evolution 10W-40 произведено с применением усовершенствованного и сбалансированного пакета присадок – Stable Protect, который позволяет обеспечить оптимальную продуктивность, термическую, вязкостную и антиокислительную стабильность в течении длительного периода эксплуатации техники.

Wolver Turbo Evolution 10W-40 эффективно работает в двигателях легкой коммерческой техники, магистральных грузовиков, с/х и карьерной техники. Соответствует действующим экологическим стандартам ЕВРО 5/4/3 и может использоваться в двигателях с технологиями очистки выхлопных газов EGR и/или SCR без сажевого фильтра.

Применение

- Дизельные двигатели грузовых автомобилей
 - с турбонаддувом;
 - с катализатором;
 - с EGR-технологией;
 - с SCR-технологией.
- Дизельные двигатели легковых автомобилей
 - с турбонагнетателем;
 - с катализатором.
- 4-тактные бензиновые двигатели
 - с турбонаддувом;
 - многоклапанные;
 - с катализатором.

Совместимость

Wolver Turbo Evolution SAE 10W-40 совместимо со всеми традиционными маслами и может быть смешано с любым из них. Для того, чтобы использовать все преимущества Wolver Turbo Evolution SAE 10W-40 рекомендуется применять это масло не смешивая.

20л - ведро

4398

426036094398

60л - бочка

4400

426036094400

208л - бочка

4399

426036094399

Company: ALCO LLC
3, Vali Mammadov st., Sabail dist.
AZ1095, Baku, Azerbaijan

Certificate No.: 2025344
Date of issue: 06/03/2025

Test sample

Product: AVTOIL M-8V M 20W20
Batch number: 2502344
Tank ID: T45.4

Manufacture date: 06/03/2025
Date of sampling: 06/03/2025
Date of analysis: 06/03/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	GOST 33	7.5-8.5	8.446
Viscosity index	-	GOST 25371	Min. 93	102
Water content	%	GOST 2477	Max. 0.05	None
Pour Point	°C	GOST 20287	Max. -25	-25
Color, with a dilution of 15:85, units of the CNT	-	GOST 20284	Max. 3.5	0.8
Density -at 15 °C -at 20 °C	g/cm ³	GOST 3900	Test&Report	0.8791 0.8748

ALCO QUALITY ASSURANCE LABORATORY accredited by AzAK for AZS ISO/IEC 17025:2020 at test laboratory.

Shelf life: 5 years from the date of manufacture of the product if proper storage conditions are followed.

This product meets the specification set out in its product data sheet (PDS) and has been manufactured in a facility fully complying with the requirements of Integrated Management System standards.



**ALCO QUALITY ASSURANCE LABORATORY
TEST REPORT**

Accreditation No: AZS ISO/IEC 17025:2020/AZ 01.0571.01.21



Notes & Instructions:

- Tests conducted according to International Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on test results and are necessitated by reasons such as safety, environmental standards and method effectiveness.
- This certificate is only valid in its entirety.
- This certificate shall not be reproduced except in full, without the written approval of the laboratory.

Approved by

**Aytan Allahverdiyeva
Head of Laboratory**





**ALCO QUALITY ASSURANCE LABORATORY
TEST REPORT**

Accreditation No: AZS ISO/IEC 17025:2020/AZ 01.0571.01.21



Quality Assurance Laboratory

📍 Address: 1, Kimyachilar st., SCIP., Sumgait, Azerbaijan, AZ5002

✉ Email: lab@azlub.com

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Forma No: F5.10-03/ Release date:12.01.2024/ Rev. No: 00



ALCO QUALITY ASSURANCE LABORATORY
TEST REPORT

Accreditation No: AZS ISO/IEC 17025:2020/AZ 01.0571.01.21



Company: ALCO LLC
3, Vali Mammadov st., Sabail dist.
AZ1095, Baku, Azerbaijan

Certificate No.: 2025396-1
Date of issue: 06/03/2025

Test sample

Product: AVTOIL M-10G2
Batch number: 2503396-1
Tank ID: T45.4

Manufacture date: 06/03/2025
Date of sampling: 06/03/2025
Date of analysis: 06/03/2025

Test result

Parameters	Unit	Test method	Limit	Test result
Appearance	-	Visual	Bright & Clear	Bright & Clear
Kinematic viscosity at 100 °C	mm ² /s	GOST 33	10.5-11.5	10.60
Viscosity index	-	GOST 25371	Min. 85	101
Water content	%	GOST 2477	Max. 0.05	None
Pour Point	°C	GOST 20287	Max. -15	-21
Color, with a dilution of 15:85, units of the CNT	-	GOST 20284	Max. 5.0	0.9
Density - at 15 °C - at 20 °C	g/cm ³	GOST 3900	Test & Report Max. 0.905	0.8861 0.8817

ALCO QUALITY ASSURANCE LABORATORY accredited by AzAK for AZS ISO/IEC 17025:2020 at test laboratory.

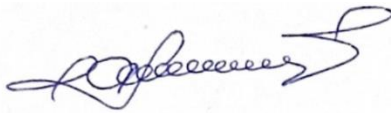
Shelf life: 5 years from the date of manufacture of the product if proper storage conditions are followed.

This product meets the specification set out in its product data sheet (PDS) and has been manufactured in a facility fully complying with the requirements of Integrated Management System standards.

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Approved by



Aytan Allahverdiyeva
Head of Laboratory



Company: ALCO LLC
 3, Vali Mammadov st., Sabail dist.
 AZ1095, Baku, Azerbaijan

Certificate No.: 20241966
Date of issue: 18/11/2024

Test sample

Product: AVTOIL M-10G2K SAE 30 CC (GOST 17479.1-85)
Batch number: 24111966
Tank ID: T45.1

Manufacture date: 18/11/2024
Date of sampling: 18/11/2024
Date of analysis: 18/11/2024

Test result

Parameters	Unit	Test method	Limit	Test result	Conclusion
Appearance	-	Visual	Bright & Clear	Bright & Clear	Pass
Kinematic viscosity at 100 °C, min.	mm ² /s	ASTM D445	10.5-11.5	11.16	Pass
Viscosity index	-	ASTM D2270	Min. 85	112	Pass
Water content	%	ASTM D95	Max. 0.05	None	Pass
Pour Point	°C	ASTM D97	Max. -15	<-18	Pass
Color, with a dilution of 15:85, units of the CNT	-	ГОСТ 20284	Max. 4.0	0.8	Pass
Density at 15 °C	g/cm ³	ASTM D4052	Test&Report	0.8843	Pass

ALCO QUALITY ASSURANCE LABORATORY accredited by AzAK for AZS ISO/IEC 17025:2020 at test laboratory.

Shelf life: 5 years from the date of manufacture of the product if proper storage conditions are followed.

This product meets the specification set out in its product data sheet (PDS) and has been manufactured in a facility fully complying with the requirements of Integrated Management System standards.



ALCO QUALITY ASSURANCE LABORATORY
TEST REPORT
Accreditation No: AZS ISO/IEC 17025:2020/AZ 01.0571.01.21



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Approved by

Allahverdiyeva Aytan
Head of Laboratory



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Телефон приймальні: +38 (0612) 65 46 81
Телефон ВТК: +38 (061) 222 80 25
ЄДРПОУ 31852954



Випробувальна лабораторія ТОВ «СП ЮКОЙЛ» атестована на проведення вимірювань показників якості нафтопродуктів, технічних рідин та мастильних матеріалів. Свідоцтво про визнання технічної компетентності № АВ 43-22 від 22.11.2022р. видане ДП «ЗАПОРІЖЖЯСТАНДАРТМЕТРОЛОГІЯ», чинне до 16.11.2024 р

Паспорт якості фасованої продукції №25050.01.01.1
Олива для малих чотирьохтактних бензинових двигунів YUKO
SEMISYNTHETIC 4T 10W-40
ТУ У 23.2-31852954-038:2008

Виробник: ТОВ «СП ЮКОЙЛ»
Розфасовано: ТОВ «СП ЮКОЙЛ» за ТУ У 23.2-31852954-027:2006
Клас в'язкості: **SAE 10W-40**
Клас експлуатаційних властивостей: **API SL JASO MA2**

Дата виготовлення: Червень 2024р.
Тара: каністра 1л ПЕ
Номер партії: 25050.18.06.24.01.

Ф.5 СТП014

Назва показника	Вимоги НД	Фактично	Метод випробувань
Густина при 20°C, кг/м ³ , не більше	900	871,1	ГОСТ 3900 або ASTM D1298
В'язкість кінематична при температурі 100°C, мм ² /с	12,5 - 16,3	14,27	ДСТУ ГОСТ 33 або ASTM D445
Індекс в'язкості, не менше	140	151	ДСТУ ГОСТ 25371 або ASTM D2270
Температура спалаху, визначена у відкритому тиглі, °С, не нижче	200	218	ДСТУ ГОСТ 4333 або ASTM D92
Температура застигання, °С, не вище	- 32	- 40	ГОСТ 20287 або ASTM D97
Масова частка механічних домішок, %, не більше	0,015	0,013	ГОСТ 6370
Масова частка води, %, не більше	Сліди	Сліди	ГОСТ 2477 або ASTM D95
Колір на колориметрі ЦНТ, з розбавленням 15:85 одиниць ЦНТ, не більше	3,5	1,0	ГОСТ 20284 або ASTM D1500
Лужне число, мг КОН/г, не менше	5,0	6,08	ДСТУ 5094 або ГОСТ 11362 або ASTM D4739 або ASTM D2896
Масова частка активних елементів, %, не менше			ГОСТ 13538 або ASTM D6481 або ASTM D6443 або ASTM D4927
- кальцію	0,19	0,223	
- цинку	0,08	0,094	
Зольність сульфатна, %, не більше	1,0	0,90	ДСТУ ISO 3987 або ASTM D874
В'язкість динамічна, мПа·с			ДСТУ 8349 або ASTM D5293
- при мінус 25°C	7 000	6 900	

Паспорт якості дійсний тільки за наявності печатки.

Висновок: якість продукції відповідає вимогам ТУ У 23.2-31852954-038:2008 і ТУ У 23.2-31852954-027:2006

Гарантійний термін зберігання - 5 років
М. П.

Начальник ВТК

Анна ЛАРЧЕНКО





SAFETY DATA SHEET

1. Identification

Product name JCB EP ENGINE OIL 15W40
Other means of identification No data available.
Recommended use: Engine oil
Restrictions on use: Industrial use only

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name: JCB Inc.
Address: 2000 Bamford Blvd.
Pooler, GA 31322
Telephone: (912) 447-2000
Fax: (912) 447-2295
Contact Person: Customer Service Department

Emergency telephone number: 800-255-3924 (24 hrs)

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

Hazard Symbol: No symbol
Signal Word: No signal word.
Hazard Statement: not applicable
Precautionary Statements not applicable

Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients

Hazardous Component(s):

Chemical name	CAS-No.	Concentration
Mineral oil	Confidential	60 - 100%



SAFETY DATA SHEET

Zinc compound	Confidential	0.5 - 2.5%
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Specific chemical identities and/or exact percentages have been withheld as trade secrets.

4. First-aid measures

Ingestion:	Rinse mouth thoroughly. Call a POISON CENTER/doctor/.../if you feel unwell. Do NOT induce vomiting.
Inhalation:	Move to fresh air. Call a POISON CENTER/doctor/.../if you feel unwell.
Skin Contact:	Remove contaminated clothing and shoes. Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention.
Eye contact:	Flush thoroughly with water. If irritation occurs, get medical assistance. Continue to rinse for at least 15 minutes.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Get medical attention if symptoms occur.

5. Fire-fighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Water spray, fog, CO ₂ , dry chemical, or regular foam. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: Heat may cause the containers to explode. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures



SAFETY DATA SHEET

Personal precautions, protective equipment and emergency procedures:

See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. Ensure adequate ventilation.

Methods and material for containment and cleaning up:

Absorb with sand or other inert absorbent. Stop the flow of material, if this is without risk.

Environmental Precautions:

Avoid release to the environment. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling:

Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Do not expose to intense heat as product may expand and pressurize container.

Conditions for safe storage, including any incompatibilities:

Store in original tightly closed container. Avoid contact with oxidizing agents. Store away from incompatible materials.

8. Exposure controls/personal protection

Exposure Limits

Chemical name	type	Exposure Limit Values	Source
Mineral oil - Mist.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Mineral oil - Mist.	STEL	10 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Protective Measures:

Use personal protective equipment as required.

Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from supervisor on the company's respiratory protection standards.

Eye Protection:

Wear safety glasses with side shields (or goggles).

Skin and Body Protection:

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

9. Physical and chemical properties



SAFETY DATA SHEET

Appearance

Physical state:	liquid
Form:	No data available.
Color:	Light brown
Odor:	Mild
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	210 °C (410 °F)
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	0.883
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	107 mm ² /s (40 °C)

10. Stability and reactivity

Reactivity:	Not reactive during normal use.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	None under normal conditions.
Conditions to avoid:	Avoid heat or contamination.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Zinc compounds.



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11. Toxicological information

Information on likely routes of exposure

- Ingestion:** May be ingested by accident. Ingestion may cause irritation and malaise.
- Inhalation:** None under normal conditions.
- Skin Contact:** Prolonged skin contact may cause redness and irritation.
- Eye contact:** Eye contact is possible and should be avoided.

Symptoms related to the physical, chemical and toxicological characteristics

- Ingestion:** No data available.
- Inhalation:** No data available.
- Skin Contact:** No data available.
- Eye contact:** No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: ATEmix (): 2000 - 5000 mg/kg

Dermal

Product: ATEmix (): 2000 - 5000 mg/kg

Inhalation

Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.



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IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

General information: This product has not been evaluated for ecological toxicity or other environmental effects.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.



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14. Transport information

DOT

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

15. Regulatory information

US Federal Regulations

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

None

SARA 313 (TRI Reporting)

<u>Chemical Identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
Zinc compound	10000 lbs	25000 lbs.

US State Regulations

US. California Proposition 65

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

16. Other information, including date of preparation or last revision

Issue Date: 11.01.2017

Revision Date: 11.01.2017

Version #: 1.1

Further Information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.