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B U S I N E S S C H E M I S T R Y

HISTORY



HK SILVERCHEM CO., LTD. founded in 1990 is a general group gradually developed and improved, Over the past years, and has been continuously developed and expanded.

Established in 2003, SilverChem as a proficient international supplier and solution provider of chemical raw material and catalysts has industrial experience of material technologies, engineering design, and technical support.

SILVERCHEM NETWORK

At the present different companies from China, Germany, India, Middle East are in subsidiary network of SilverChem.

With Three Main office in:

China/Shandong

Germany

Middle-East

And several business associates in

Turkey, South Korea, Russia, Italy, Germany, UAE, ...

WHAT WE DO?

WE ARE ABLE TO SUPPLY ALL PETROCHEMICAL, CHEMICAL & CATALYST REQUIREMENTS IN PETROCHEMICAL, OIL AND GAS INDUSTRIALS.

- POLYMER ADDETTIVES
- PLASTIC ADDITIVES
- NAPHTA CRACKING SERIES
- EPS ADDETTIVES
- ADSORBENT
- CATALYSTS
- RAW MATERIAL AND ADDETTIVES FOR POLY OLEFINE/POLYETHYLENE PLANTS
- RAW MATERIAL AND ADDETTIVES FOR STYRENE SERIES
- OTHER RAW MATERIAL

POLYMER ADDITIVES



ANTIOXIDANT

Antioxidant 1010
Antioxidant 1024
Antioxidant 1035
Antioxidant 1076
Antioxidant 168
Antioxidant 3114
Antioxidant 405
Antioxidant B 215
Antioxidant B 225
Antioxidant T10
Antioxidant T20
Antioxidant T30

ATMER

1013
163
1012

STABILIZER

Calcium stearate
Zinc stearate
Barium stearate
LS 2020
LS 944
UV 144
UV 2908

DONOR

Donor D
Donor C

FLAME RETARDANT

SBS 3000
FR 130
FR 972
CP-2000



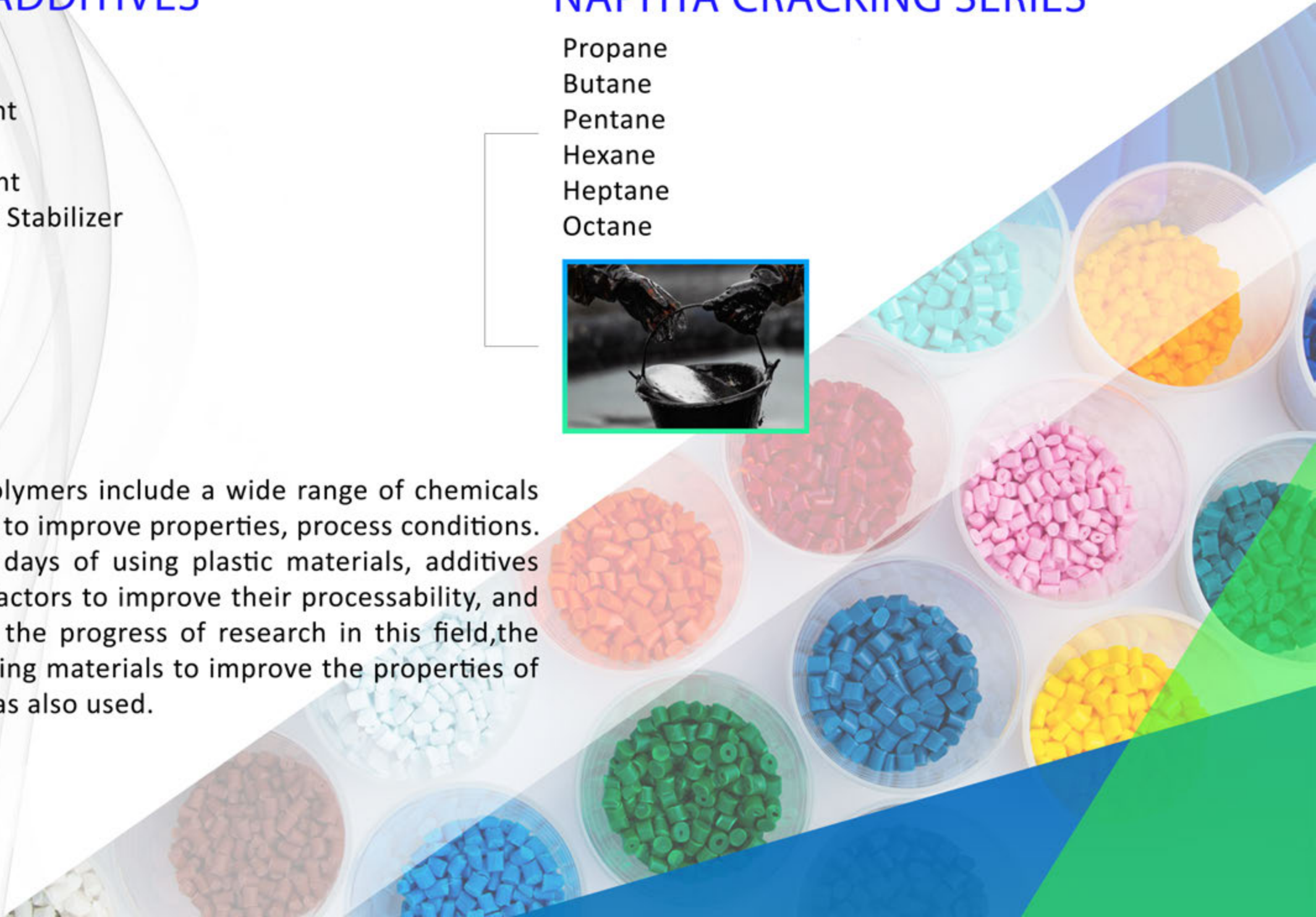
PLASTIC ADDITIVES

Peroxide
Flame Retardant
Anti-Oxidant
Anti-Static Agent
Heat/Light(UV) Stabilizer
Plasticizer
Antiscratch
Solvent

Additives to polymers include a wide range of chemicals that are added to improve properties, process conditions. From the first days of using plastic materials, additives were used as factors to improve their processability, and gradually with the progress of research in this field, the method of adding materials to improve the properties of the polymer was also used.

NAPHTA CRACKING SERIES

Propane
Butane
Pentane
Hexane
Heptane
Octane



EPS ADDETTIVES



PEROXIDE

TBEC
BPO
DTBP
DCP
TBPD
TBPEH
TBPMH
TBPB
TBPA
BPDH

COATING

COATING F GRADE
COATING R GRADE
Mix Coating agent
GTS
GMS



ADSORBENT

- Chloride Series
- Sulfur Series
- Mercury Series

- Drying Series
- Purification Series
- Water Treatment Series

- Molecular Sieves
- Zeolite



DEHYDRATION ADSORBENT

MOLECULAR SIEVES
ACTIVATED ALUMINA
ACTIVATED CARBON
SILICA GEL



SPECIALTY ADSORBENT

SPECIALTY ZEOLITE
SPECIALTY ALUMINA
SPECIALTY CARBON
SPECIALTY SILICA



MOLECULAR SIEVES

3A
4A
5A
13X
CMS



CATALYSTS



Catalysts are essential components of many industrial processes, ranging from catalytic converters and fuel cells to the production of the newest drugs.

In addition to their industrial importance, the environmental impact of catalysts is significant.

The amount of energy and raw materials needed for manufacturing of chemicals is greatly reduced by using catalysts.

Isomerization
Hydro Processing
Sulfur Recovery

Hydrogenation
Sweetening
Bio Diesel



REFINERY

FLUID CATALYTIC CRACKING
CATALYTIC REFORMING
C5/C6 ISOMERIZATION
HYDROTREATING
SULFUR RECOVERY



PETROCHEMICAL

MTBE/TAME SYNTHESIS
ETHYLENE OXYCHLORINATION
POLYMERIZATION

OTHER BASIC CHEMICAL

METHANOL SYNTHESIS
FORMOX & DME SULFURIC ACID
AMMONIA SYNTHESIS



Raw Material and Addetives for Poly Olefine/PolyEthylene Plants (HDPE, LLDPE, LDPE), Gas Phase (Basel Technology) and Mitsui Technology

Production Catalysts:

MITSUI TECHNOLOGY CATALYST
BASEL TECHNOLOGY CATALYST

AntiOxidants and Stablizers:

ANTIOXIDANT 168
ANTIOXIDANT 3114
ANTIOXIDANT 1010
ANTIOXIDANT 1076
ONE PACK MIX ANTIOXIDANT
CALCIUM STEARATE
ZINK STEARATE
UV 944

Other Materials:

ATMER 163
TEAL
DEAC
DONORS (DONOR C & DONOR D)
CLC 120

Raw Material and Addetives for Poly Olefine/PolyEthylene Plants (PP series: HDPE, LLDPE, LDPE), Liquid Base(ABB/Novolen) and BASELL Gas phase

ABB / Novolen License

Prodcution Catalysts:

CLARIANT POLYMAX 500
CLARIANT POLYMAX 600

Basel Licence Prodcution Catalysts:

TH-8
TH-9

Anti Oxidants and Stablizers:

ANTIOXIDANT 168
ANTIOXIDANT 3114
ANTIOXIDANT 1010
ONE PACK MIX ANTIOXIDANT
CALCIUM STEARATE
ZINK STEARATE
UV 944

Other Materials:

CLC120
DHT4

Raw Material and Addetives for Styrene Series

Peroxides:

TBEC
BPO
DTBP
DCP
TBPD
TBPEH
TBPMH
TBPB
TBPA
BPDH

Coating:

COATING F GRADE
COATING R GRADE
MIX COATING AGENT
GTS
GMS

Flame Retardants:

SBS 3000
FR 130
FR 972
CP-2000

OTHER RAW MATERIAL

Stearate Series

MTM

Resin

EDA

PP-G-MAH

Potassium Carbonate

Sodium Carbonate

TiCl₄

SiCl₄

Titanium Powder

Magnesium Powder

Titanium Dioxide

Antimony Trioxide

Antimony Triacetate

Magnesium Sulfate

Pseudoboehmite

Boehmite

CarbOn Black

Diammonium Phosphate

Isopropyl Alcohol

Poly Vinyl Alcohol



MOST CO-OPERATED COMPANIES

We are proud work with the mentioned big companies and we are also looking for its development.



SilverChem Certificate



TUV NORD

CERTIFICATE

Management system as per
BS EN ISO 14001 : 2015

In accordance with TUV UK Ltd procedures, it is hereby certified that

HK Silver-Chem Co. Ltd
Zibo yuan City, Shandong, China.

operates a management system in line with the above standard for the following scope:

Trading and procurement of chemicals which are mainly used in the Oil, Gas and Petrochemical.

Certificate No.: 0801402	Valid until: 01/10/2024
Audit Report No.: 2023/2023	Initial Certification: 08/10/2023
	London: 06/10/2023

Signed for and on behalf of TUV UK Ltd, the Certification Body

This certificate, which remains the property of TUV UK Ltd, was issued in accordance with the TUV UK Ltd auditing and certification procedures as amended from time to time and its validity is subject to regular surveillance audits.

TUV UK Ltd, AMP House, Solihull 37 UK, Park Floor, Original Road/Chaplin CR0 2LX, UK www.tuvuk.com

InterConformity
Assessment & Certification
Europe

CERTIFICATE

This is to confirm that the Quality Management System of
HK SILVER-CHEM CO. LTD
Zibo yuan City, Shandong, China.

has been adequately implemented and maintained in accordance with the standard

ISO 10006:2003

for the following scope:

Trading and procurement of chemicals which are mainly used in the Oil, Gas and Petrochemical.

Registration Number:	9620047
Date of certificate issue:	22.01.2023
Initial certification date:	23.01.2024
Date of certificate expiration:	01.11.2024

Managing Director
InterConformity GmbH, Hauptstraße 24, 81575 München, Germany - European Union

SGS

Certificate 17169157

The management system of
HK Silver-Chem Co. Ltd,
Zibo yuan City, Shandong, China.

has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

Trading and procurement of chemicals which are mainly used in the Oil, Gas and Petrochemical.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by contacting the organization.

This certificate is valid from 12 January 2023 until 12 January 2026 and remains valid subject to satisfactory surveillance audits. No surveillance audit due before 12 November 2023. Next S-Certified since 12 January 2025.

Authorized by

UKAS
MANAGEMENT SYSTEMS
0005

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Page 1 of 1



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