



s i n c e 1 9 9 0  
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



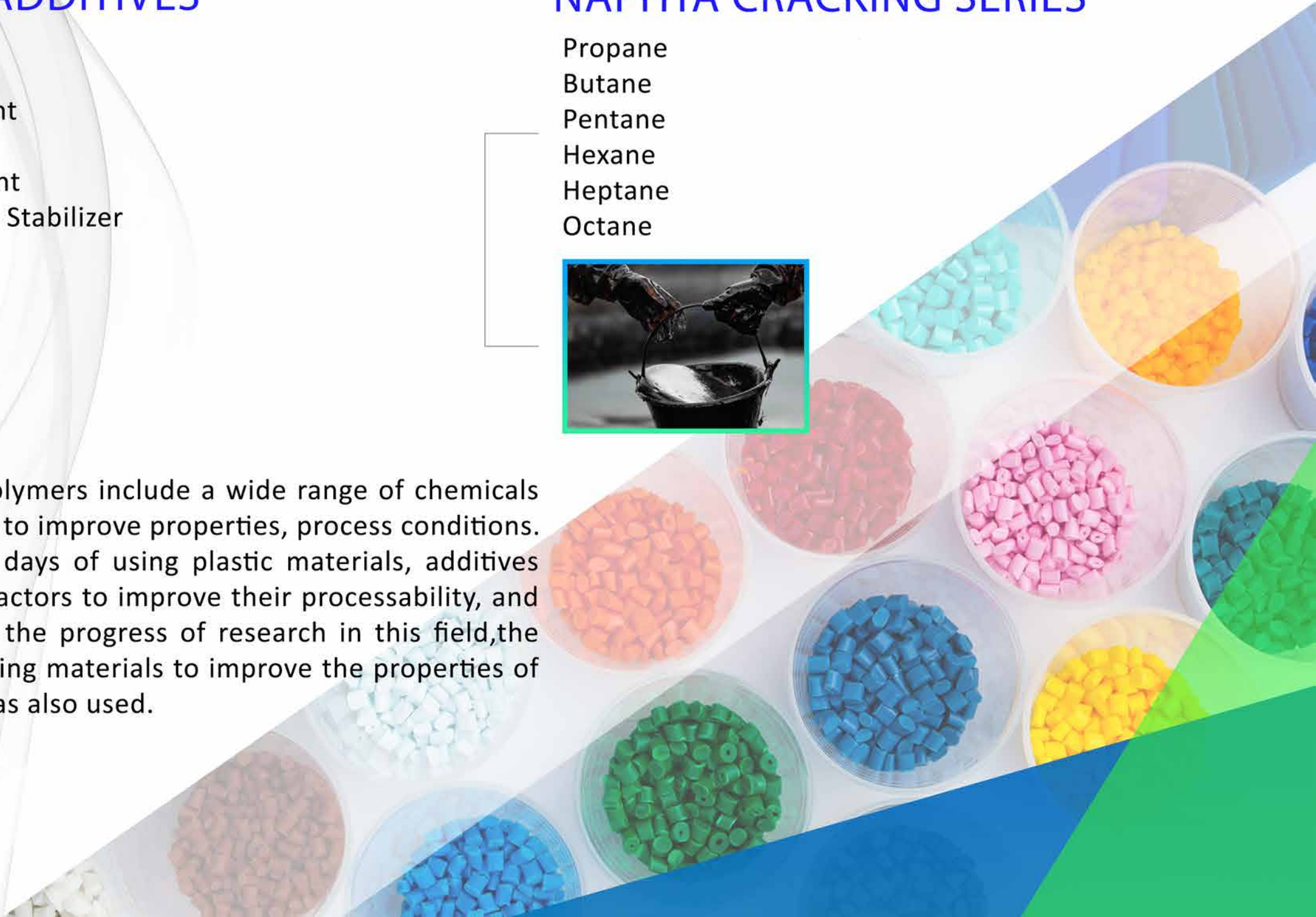
## PLASTIC ADDITIVES

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.

## NAPHTHA 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

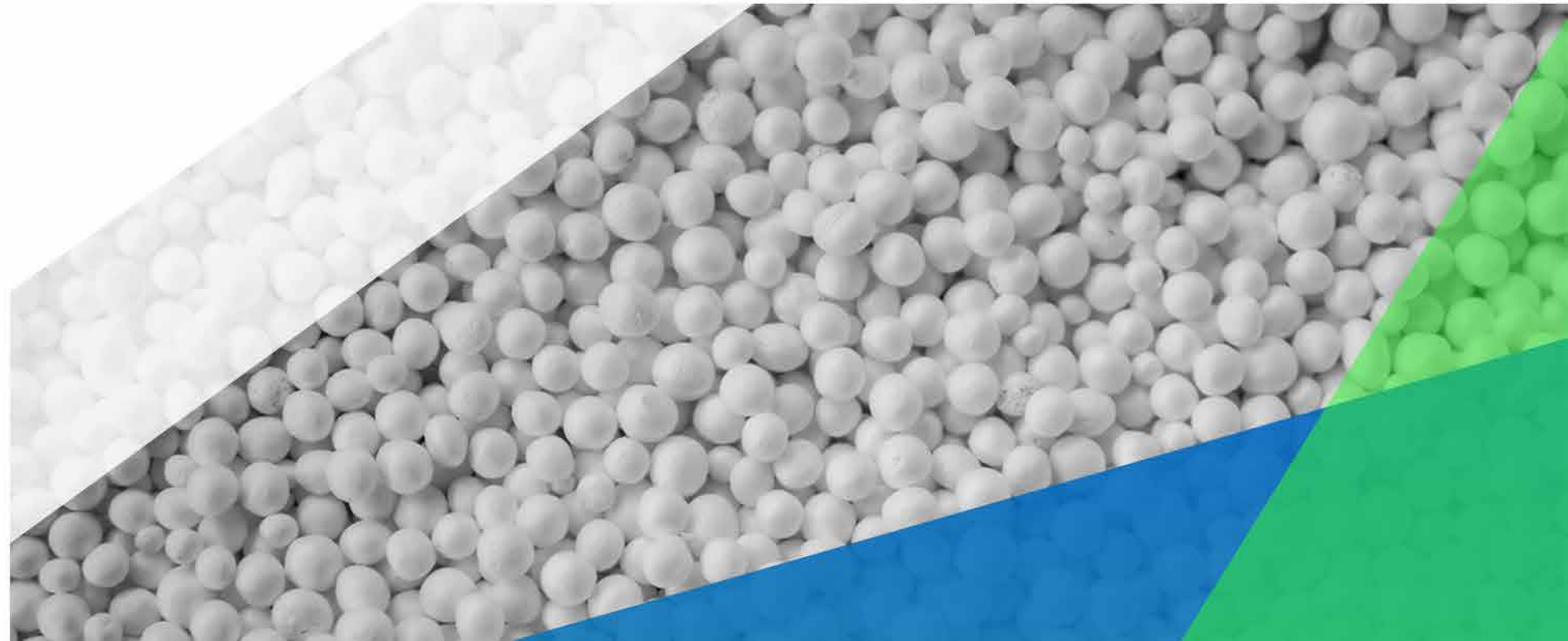


## PETROCHEMICAL

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

TiCl<sub>4</sub>

SiCl<sub>4</sub>

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**  
Zhao yuan City, Shandong, China.

applies 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.: GB01802      Valid until: 07/10/2026  
Audit Report No.: 2023/2827      Initial Certification: 08/10/2023  
London, 08/10/2023

*PBM*  
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 is valid only in subject to regular surveillance audits.

TUV UK Ltd, AMP House, Buxton 27-29, Fifth Floor, Dringwill Road Chislehurst, CR0 2LX, UK www.tuv-uk.com

**InterConformity**  
Assessment & Certification Company

## CERTIFICATE

This is to confirm that the Quality Management System of  
**HK SILVER-CHEM CO. LTD**  
Zhao 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: RL00047  
Date of certificate issue: 22.01.2023  
Initial certification date: 22.01.2023  
Date of certificate expiration: 03.01.2026

*[Signature]*  
Managing Director  
InterConformity GmbH, Rajahr/Majahr Str. 44, 81073 München, Germany - European Union

Certificate TH169157

The management system of  
**HK Silver-Chem Co. Ltd,**  
Zhao 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 qualifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.

This certificate is valid from 12 January 2023 until 12 January 2026 and remains valid subject to satisfactory surveillance audits. The certification audit due before 12 November 2025. Issue 3 certified since 12 January 2023.

Authorized to  
*[Signature]*  
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**SGS** *[SGS Logo]*

The Standard is issued by the Certifier subject to the General Conditions of Certification Services available at www.sgs.com/standards\_and\_certification. Renewal is based on the principle of quality improvement and consideration of other certification data. The authority of this document shall be null and void unless approved by the Certifier. SilverChem Co. Ltd. (Client) and SGS (Certifier) are not liable for any consequences arising from the use of this document. The validity of this document is based on the approval of the Client by the Certifier. Any change in the scope of the certification shall be notified to the Client.



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