



COMITÉ DE LIAISON DES INDUSTRIES DE FERRO-ALLIAGES

## AD COMPLAINT CONCERNING IMPORTS OF CALCIUM-SILICON FROM THE PR CHINA EXECUTIVE SUMMARY

### 1. PRODUCT DESCRIPTION AND USES

#### **General description**

The product concerned is an alloy or a chemical compound that contains by weight 16% or more of calcium, 45% or more of silicon, less than 14% of iron and not more than 10% of any other element, whether or not presented in bulk, packaged in bags or in steel drums, enclosed in steel sheets (or cored wire) or otherwise presented.

It is commonly referred to as calcium-silicon ('CaSi').

It is currently classified under CN codes ex-7202 99 80 and ex-2850 00 60.

#### **Physical and chemical properties**

The product concerned is a whitish or dark grey to black solid matter which can be obtained in lump, crushed or powder form. The product concerned has a melting point between 700-935°C.

The product concerned is mainly offered in bulk or packaged in bags, steel drums or enclosed steel sheet (cored wire). Other forms of packaging may also exist.

#### **Use**

The product concerned is used for manufacture of special metal alloys. CaSi Alloys are used as deoxidizer and desulfurizer in the manufacturing of high-grade steel. Indeed, Calcium and Silicon both have a strong chemical affinity for oxygen. Especially calcium, have a strong chemical affinity not only for oxygen, but also for sulphur and nitrogen.

The most widely used method for integrated steel applications is in the form of cored wire. This is mainly because calcium has a low density and high reactivity in the ladle making it difficult to introduce and retain in the melt. Cored wire eliminates these variables: CaSi powder is blown deep into the steel melt through immersion of steel tubes.

#### **Manufacturing process**

Electrothermic smelting of Calcium-Silicon is presently a well-developed process, based on accumulated experience from operators, resulting in the modification of the standard reduction furnaces in order to better fit the peculiarities needed for the production of the alloy.

The most popular and efficient production process is the single-stage process, also called carbothermic process consisting of charging the low-shaft three-phase submerged electric arc furnace with a weighted mixture of lime, quartz and an appropriate reducer. The SØDERBERG-technology is used for the electrodes.

## 2. SUMMARY OF THE COMPLAINT

EUROALLIAGES (the "Complainant"), on behalf of Union producers of Calcium-Silicon, respectfully requests the European Commission ("Commission") to initiate an Anti-Dumping investigation pursuant to Art. 5 of regulation (EU) 2016/1036 of the European Parliament and of the Council of 8 June 2016 on protection against dumped imports from countries not members of the European Union<sup>1</sup> as amended by Regulation (EU) 2017/2321 of the European Parliament and the Council of 12 December 2017 (New dumping methodology)<sup>2</sup> and Regulation (EU) 2018/825 of the European Parliament and of the Council of 30 May 2018 (TDI Modernisation package)<sup>3</sup>.

The PR China has been penetrating the EU market at an accelerated pace since 2017 and has caused material injury to the EU industry.

Significant dumping margins and injury margins were found during the Investigation period of the complaint.

Given the size of Chinese capacities, the EU industry has strong reasons to believe that in the absence of measures, the EU might become fully dependant from China for its CaSi supply.

## 3. INTERESTED PARTIES

EU PRODUCERS
FERROPEM
OFZ, a.s. Istebné
RAW MATERIAL SUPPLIERS - EU
Carmeuse CZ (lime)
Moravia Steel, a.s. (Round steel)
CMCA CERF SAS (Quartz)
CHAUX ET CEMENTS DE SAINT-HILAIRE (Limestone)

<sup>1</sup> Also referred to as 'Basic AD Regulation', OJ L 176, 30.06.2016, p. 21.

<sup>2</sup> Regulation (EU) 2017/2321 of the European Parliament and of the Council of 12 December 2017 amending Regulation (EU) 2016/1036 on protection against dumped imports from countries not members of the European Union and Regulation (EU) 2016/1037 on protection against subsidised imports from countries not members of the European Union, OJ L 338, 19.12.2017, p. 1

<sup>3</sup> Regulation (EU) 2018/825 of the European Parliament and of the Council of 30 May 2018 amending Regulation (EU) 2016/1036 on protection against dumped imports from countries not members of the European Union and Regulation (EU) 2016/1037 on protection against subsidised imports from countries not members of the European Union, OJ L 143, 7.6.2018, p. 1

PCC SE (quartzite)
ThyssenKrupp (Round steel)
RHEINFELDEN CARBON GMGH (Electrode paste)
Enerco B. V. (black coal)
CARBON PARTNERS AS (metcoke)
Polska Grupa Górnicza, Sp. z.o.o. (black coal)
KOKSOWNIA CZESTOCHOWA NOWA Sp. z.o.o. (coke)
A.S Inter Silesia Sp. z.o.o., (coke)
SLOVSKAL Minerál, spol. s.r.o. (quartzite)
Carmeuse Slovakia, s.r.o. (Limestone)
ArcelorMittal Gonvarri SSC Slovakia (Steel strip)
Barcom, spol. s.r.o. (Steel strip)
STRIP, a.s. (Steel strip)
Oravex. s.r.o. (Wood chips)
MineTrade, s.r.o. (Steel turnings)
VÚM, a.s. (Electrode paste)
RAVEN, a.s. (Round steel)
GARCIA MUNTE ENERGIA SL (coal)
CPM Trading as a commercial representative for PJSC Tolkachevsky GOK (quartzite)
<b>CHINESE PRODUCERS</b>
Yongfeng Ferroalloys (Fugu County Chengxing Special Alloy Co.,Ltd)
Wuxi Novel Special Metals Co. Ltd.
Ningxia Shuntai Smelting Co.,Ltd.
Inner Mongolia Shenyu Ferro-alloys Co. Ltd.
Shaanxi Shenhua Metallurgical Co. Ltd.
Ningxia Shizuishan Ketong Industry & Trade Co. Ltd.
Anyang Wanhua Metal Material Co. Ltd.
Anyang Tiefsa Metallurgy Co. Ltd.
Anyang Chunyang Metallurgical Refractories, Co. Ltd.
Anyang Changxin Special Alloy Co. Ltd.
<b>IMPORTERS AND TRADERS INTO THE EU</b>
AMPERE ALLOYS
Bozel Europe S.A.S.
Affival S.A.S
SKW Stahl Metalurgie GmbH
INJECTION ALLOYS GERMANY GMBH
COFTECH GMBH
GFE - MIR GMBH
LEMETCO GMBH
ASK CHEMICALS GMBH
Sider Trading S.R.L
MetalTrade Sp. z.o.o.
ULTRACORE POLSKA SP. ZO.O.
WIRE D.O.O.
FILO D.O.O.
GLOBAL METWIRE INJECTION SL
COMETAL SA
CEDIE
INTERCOMMODITIES SA
<b>USERS IN THE EU</b>

ISOMAG GMBH
Liberty Steel Ostrava, a.s.
Moravia Steel a.s.
Affival S.A.S
AMPERE ALLOYS
Bozel Europe S.A.S.
CALDIC FRANCE
LES BRONZES D'INDUSTRIES
LINCOLN ELECTRIC FRANCE
SAINT GOBAIN PAM
WELDING ALLOYS FRANCE SAS
ASK CHEMICALS GMBH
COFTECH GMBH
GFE - MIR GMBH
Hüttenwerke Krupp Mannesmann
INJECTION ALLOYS GERMANY GMBH
Lech-Stahlwerke GmbH
LEMETCO GMBH
OERLIKON SCHWEISSTECHNIK GMBH
Saarstahl AG
Salzgitter Flachstahl GmbH
SKW STAHL-METALLURGIE GMBH
Stahlwerk Thüringen
ThyssenKrupp
VESUVIUS GMBH
OAM Ozdi Acelmuvek Kft.
ELKEM ICELAND LTD
AFV Acciaerie Beltrame
IMPALA SRL
ARCELOR MITTAL BELVAL&DIFFERDANG
CMC Poland, Sp. z.o.o.
ULTRACORE POLSKA SP. ZO.O.
Železiarne Podbrezová, a.s.
Filo, d.o.o.
Wire, d.o.o.
CEDIE
COMETAL SA
GLOBAL METWIRE INJECTION SL
AMPERE SYSTEM IBERICA S.L
NITROPARIS S.L.
CARBOMAX AB
ASMET (UK) LIMITED
BRITISH STEEL