

Column Name	Description
ID	Unique identifier for each active ingredient.
CAS_NR	Chemical Abstract Service (CAS) registry number.
Active Ingredient	Name of the active chemical substance.
Group	General functional group (e.g., herbicide, fungicide).
Risk_total	Overall risk category combining environmental fate, human, and ecotoxicity hazards.
PL_total	Pesticide Load score.
PL_fate	Pesticide Load score for environmental fate.
risk_fate	Risk category for environmental fate.
PL_Aquatic	Pesticide Load score for aquatic organisms.
risk_aquatic	Risk category for aquatic organisms.
PL_Terrestrial	Pesticide Load score for terrestrial organisms.
risk_terrestrial	Risk category for terrestrial organisms.
PL_Human	Pesticide Load score for human health.
risk_human	Risk category for human health.
Chemical Group	Broader classification of the chemical.
DESCRIPTION	Short description of the chemical's properties or use.
MODE_OF_ACTION	Biochemical or physiological mode of action on target pests.
EU_CODE	European Union regulatory code or pesticide registration number.
score_DT50soil	Hazard score for soil persistence.
score_DT50water	Hazard score for water persistence.
score_GUS	Hazard score representing leaching potential to groundwater.
score_BCF	Hazard score representing bioaccumulation potential.
score_KFOC	Hazard score representing transfer to surface water.
score_solubility	Hazard score for solubility in water.
score_logP	Hazard score based on octanol-water partition coefficient.
score_photolysis	Hazard score for susceptibility to photolytic degradation.
score_hydrolysis	Hazard score for susceptibility to hydrolytic degradation.
score_henry	Hazard score representing volatility from water.
score_vp	Hazard score representing general vapor pressure / volatility.
score_LC50_FISH	Hazard score for fish acute toxicity.
score_NOEC_FISH	Hazard score for fish chronic toxicity.
score_LC50_aquatic_inv	Hazard score for aquatic invertebrate acute toxicity.
score_NOEC_aquatic_in v	Hazard score for aquatic invertebrate chronic toxicity.
score_LC50_algae	Hazard score for algae acute toxicity.
score_EC50_floating_pla nts	Hazard score for floating plants acute toxicity.
score_LC50_earthworm	Hazard score for earthworm acute toxicity.
score_NOEC_earthworm	Hazard score for earthworm chronic toxicity.
score_LD50_birds	Hazard score for birds acute oral toxicity.
score_NOEL_birds	Hazard score for birds chronic toxicity.
score_Mam_NOEAL_ch ronic	Hazard score for mammals chronic toxicity.
score_LD50_bee_cont	Hazard score for honey bee contact acute toxicity.
score_LD50_bee_oral	Hazard score for honey bee oral acute toxicity.
score_LD50_bumblebee cont	Hazard score for bumblebee contact acute toxicity.

score_LD50_bumblebee_oral	Hazard score for bumblebee oral acute toxicity.
score_LD50_masonbee_cont	Hazard score for mason bee contact acute toxicity.
score_LD50_masonbee_oral	Hazard score for mason bee oral acute toxicity.
score_LR50_parasitoid_wasp	Hazard score for parasitoid wasp acute toxicity.
score_LR50_predatory_mites	Hazard score for predatory mites acute toxicity.
PL_DT50soil	Pesticide Load score from soil persistence.
PL_DT50water	Pesticide Load score from water persistence.
PL_GUS	Pesticide Load score from groundwater leaching potential.
PL_BCF	Pesticide Load score from bioaccumulation.
PL_KFOC	Pesticide Load score from transfer to surface water.
PL_solubility	Pesticide Load score from solubility in water.
PL_logP	Pesticide Load score from octanol-water partition coefficient.
PL_photolysis	Pesticide Load score from photolysis.
PL_hydrolysis	Pesticide Load score from hydrolysis.
PL_henry	Pesticide Load score from volatility (Henry's Law).
PL_vp	Pesticide Load score from vapor pressure.
score_fish_worstcase	Worst-case toxicity hazard score for fish.
score_aquatic_inv_worstcase	Worst-case toxicity hazard score for aquatic invertebrates.
score_aquatic_primaryp_worstcase	Worst-case toxicity hazard score for primary producers (algae, plants).
PL_fish_worstcase	Pesticide Load score for fish (worst-case).
PL_aquatic_inv_worstcase	Pesticide Load score for aquatic invertebrates (worst-case).
PL_aquatic_primaryp_worstcase	Pesticide Load score for primary producers (worst-case).
score_earthworm_worstcase	Worst-case toxicity hazard score for earthworms.
score_birds_worstcase	Worst-case toxicity hazard score for birds.
score_mammals_worstcase	Worst-case toxicity hazard score for mammals.
score_beneficials_worstcase	Worst-case toxicity hazard score for beneficial insects (non-target).
score_bees_worstcase	Worst-case toxicity hazard score for bees.
PL_earthworm_worstcase	Pesticide Load score for earthworms (worst-case).
PL_birds_worstcase	Pesticide Load score for birds (worst-case).
PL_mammals_worstcase	Pesticide Load score for mammals (worst-case).
PL_beneficials_worstcase	Pesticide Load score for beneficial insects (worst-case).
PL_bees_worstcase	Pesticide Load score for bees (worst-case).
score_LD50_MAM_ORAL	Hazard score for mammalian oral toxicity.
score_LC50_MAM_INHA	Hazard score for mammalian inhalation toxicity.
score_LD50_MAM_DERM	Hazard score for mammalian dermal toxicity.
score_CARCI NOGEN	Hazard score for carcinogenic potential.
score_ACETYL_CHOLI	Hazard score for acetylcholinesterase inhibition.

score_NEUROTOX	Hazard score for neurotoxicity.
score_REP_EFFECTS	Hazard score for reproductive toxicity.
score_RESP_IRRITANT	Hazard score for respiratory tract irritation potential.
score_SKIN_IRRITANT	Hazard score for skin irritation potential.
score_EYE_IRRITANT	Hazard score for eye irritation potential.
PL_LD50_MAM_ORAL	Pesticide Load score from mammalian oral toxicity.
PL_LC50_MAM_INHA L	Pesticide Load score from mammalian inhalation toxicity.
PL_LD50_MAM_DER M	Pesticide Load score from mammalian dermal toxicity.
PL_CARCIANOGEN	Pesticide Load score from carcinogenic potential.
PL_ACETYL_CHOLI	Pesticide Load score from acetylcholinesterase inhibition.
PL_NEUROTOX	Pesticide Load score from neurotoxicity.
PL_REP_EFFECTS	Pesticide Load score from reproductive toxicity.
PL_RESP_IRRITANT	Pesticide Load score from respiratory tract irritation.
PL_SKIN_IRRITANT	Pesticide Load score from skin irritation.
PL_EYE_IRRITANT	Pesticide Load score from eye irritation.